

## SEQUENCE LISTING

<110> Mitcham, Jennifer L.  
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<120> COMPOSITIONS AND METHODS FOR THE THERAPY AND  
DIAGNOSIS OF OVARIAN CANCER

<130> 210121.462C4

<140> US

<141> 2000-08-10

<160> 455

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<212> DNA

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&lt;223&gt; n = A,T,C or G

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<213> Homo sapien

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<213> Homo sapien

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atcagtatct	cagagggctc	taaggtgcc	agaagtctca	ctggacattt	aagtgccaac	180
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<223> n = A,T,C or G

<400> 22  
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gcatctcaac caccagcctc tgtggggggc aggtggggcgt ccctgtgggc ctctgggccc 120  
acgtccagcc tctgtcctct gccttccgtt cttegacagt gtccccggca tccctggtea 180  
cttggtactt ggcggtgggc tctgtgctg ctccagcagc tctccaggn ggtcggcccg 240  
cttcaccgca gcctcatgtt gtgtccggag gctgctcacg gcctcctct tctcgcgag 300  
ggctgtcttc accctccggn gcacctctc cagctccagc tgcgggggg cctgcagcgt 360  
ggccagctcg gccttggeet gccgcgtctc ctctcarag gctgccagcc ggtcctcgaa 420  
ctcctggcgg atcacctggg ccaggttgct gcgctcgcta gaaagctgct cgttcaccgc 480  
ctgcgcaccc tccagcgcgc gctccttctg ccgcacaagg cctgcagac gcagattctc 540  
gccctcggcc tccccaaagt ggcccttcag ctccgagcac cgctcctgaa gcttcgcctc 600  
cgactgctcc agctcggaga gctcggcctc gtacttgctc cgtaagcgct tgatgcggct 660  
ctcggcagcc ttctcactct cctccttgge cagcgccatg tcggcctcca gccggtgaat 720  
gaccagctca atctccttgt cccggccttt ccggatttct tccctcagct cctgttcccg 780  
gttcagcagc cagcctcct ccttctggtt gcggccggcc tcccacgcct gcctctccag 840  
ctccagctgc tgcttcaggg tattcagctc catctggcgg gcctgcagcg tggcca 896

<210> 23  
<211> 111  
<212> DNA  
<213> Homo sapien

<400> 23  
caacttatta cttgaaatta taatatagcc tgtccgtttg ctgtttccag gctgtgatat 60  
attttcctag tggtttgact ttaaaaataa ataaggttta attttctccc c 111

<210> 24  
<211> 531  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(531)  
<223> n = A,T,C or G

<400> 24  
tgcaagtcac gggagtttat ttatttaatt tttttcccca gatggagact ctgtcgccca 60

09636801.081000

```
<210> 25
<211> 471
<212> DNA
<213> Homo sapien
```

<400>	25							
aatct	kagaaagatg	tgcggttttc	ttttaatgaa	tgagagaagc	ccatttgtat			60
aatca	ttgagaaaag	gcggcggttg	cgacagcggc	gacctaggga	tcgatctgga			120
ctggg	gagcgtgcag	agacctctag	ctcgagcgcg	agggacctcc	cgccgggatg			180
ggagc	agatggaccc	tactggaagt	cagttggatt	cagattttctc	tcagcaagat			240
ctgcc	tgataattga	agattctcag	cctgaaagcc	agttcttaga	ggatgattct			300
ccact	tcagtatgct	atctcgacac	cttcctaate	tccagacgca	caaagaaaat			360
gttgg	atgttgngtc	caatccttga	acaaacagct	ggagaagaac	gaggagaccg			420
agtgg	gttcaatqaa	cattttgaaa	aaaaccaggt	tqcaqaccct	q			471

```
<210> 26
<211> 541
<212> DNA
<213> Homo sapien
```

```
<210> 27
<211> 461
<212> DNA
<213> Homo sapien
```

<220>  
 <221> misc\_feature  
 <222> (1)...(461)  
 <223> n = A,T,C or G

<400> 27  
 gaaatgtata tttaatcatt ctcttgaacg atcagaactc traaatcagt tttctataac 60  
 arcatgtaat acagtcaccg tggctccaag gtccaggaag gcagtgggta acacatgaag 120  
 agtgtgggaa gggggctgga aacaaagtat tcttttcctt caaagcttca ttcctcaagg 180  
 cctcaattca agcagtcatt gtccttgctt tcaaaagtct gtgtgtgctt catggaagg 240  
 atatgtttgt tgccttaatt tgaattgtgg ccaggaaggg tctggagatc taaattcaga 300  
 gtaagaaaac ctgagctaga actcaggcat ttctcttaca gaacttggct tgcagggtag 360  
 aatgaangga aagaaactta gaagctcaac aagctgaaga taatcccatc aggcatttcc 420  
 cataggcctt gcaactctgt tcaactgagag atgttatcct g 461

<210> 28  
 <211> 541  
 <212> DNA  
 <213> Homo sapien

<400> 28  
 agtctggagt gagcaaaca gagcaagaaa caarragaag ccaaaagcag aaggctccaa 60  
 tatgaacaag ataaatctat cttcaaagac atattagaag ttgggaaaat aattcatgtg 120  
 aactagacaa gtgtgttaag agtgataagt aaaatgcacg tggagacaag tgcattccca 180  
 gatctcaggg acctccccct gcctgtcacc tggggagtga gaggacagga tagtgcattg 240  
 tctttgtctc tgaattttta gttatatgtg ctgtaattgtt gctctgagga agccccctgga 300  
 aagtctatcc caacatatcc acatcttata ttccacaaat taagctgtag tatgtaccct 360  
 aagacgtgc taattgactg ccacttcgca actcaggggc ggctgcattt tagtaattggg 420  
 tcaaatgatt cactttttat gatgcttccc aagggtgcctt ggcttctctt cccaactgac 480  
 aaatgcccaa gttgagaaaa atgatcataa ttttagcata aaccgagcaa tcggcgaccc 540  
 c 541

<210> 29  
 <211> 411  
 <212> DNA  
 <213> Homo sapien

<400> 29  
 tagctgtctt cctcactctt atggcaatga ccccatatct taatggatta agataatgaa 60  
 agtgtatttc ttacactctg tatctatcac cagaagctga ggtgatagcc cgcttgtcat 120  
 tgtcatccat attctgggac tcaggcgagg actttctgga atattgccag ggagcatggc 180  
 agaggggac agtgattctt gggggaatgc acattggctc agcctgggta atgagtata 240  
 tacattacct ctgttcacaa ctcatgccc agcaccagtc acaaggcccc accaaatacc 300  
 agagcccaag aaatgtagtc ctgttgatat ggttttgctg tgtcccaacc caaatctcat 360  
 cttgaattgt aagctcccat aattcccatg tggtgtggga gggacctggg g 411

<210> 30  
 <211> 511  
 <212> DNA  
 <213> Homo sapien

00636801.001000

&lt;400&gt; 30

atcatgagga	tgttacaaa	gggatggtac	taaaccattt	gtattcgtct	gttttcacac	60
tgctttgaag	atactacctg	agactgggta	at ttataaac	aaaagagatt	taattgactc	120
acagttctgc	atggctgaag	aggcctcagg	aaacttacag	tcatggtgga	aggcaaagga	180
ggagcaaggc	atgtcttaca	tgtcagtagg	agagagagcg	agagcaggag	aacctgccac	240
ttataaacca	ttcagatctc	ataactccct	atcatgagaa	aaacatggag	gaaaccaccc	300
tcatgatcca	atcacctccc	gccaggtccc	tccctcgaca	cgtggggatt	ataattcagg	360
attagagggg	cacagagaca	aaccatatca	tcattcatga	gaaatccacc	ctcatagtcc	420
aatcagctcc	taccaggccc	cacctccaac	actggggatt	gcaattcaac	atgagatttg	480
gatggggaca	cagattcaaa	ccatatcata	c			511

&lt;210&gt; 31

&lt;211&gt; 827

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 31

catggccttt	ctccttagag	gccagaggtg	ctgccctggc	tgggagtga	gctccaggca	60
ctaccagctt	tctgattttt	ccggtttggt	ccatgtgaag	agctaccacg	agccccagcc	120
tcacagtgtc	cactcaaggg	cagcttggtc	ctcttgctct	gcagaggcag	gctggtgtga	180
ccctgggaac	ttgaccggg	aacaacaggt	ggcccagagt	gagtgtggcc	tggccctca	240
acctagtgtc	cgtcctctc	tctcctggag	ccagtcttga	gtttaaaggc	attaagtgtt	300
agatacaagc	tccttggtgc	tggaaaaaca	cccctctgct	gataaagctc	agggggcact	360
gaggaagcag	aggcccttg	ggggtgccct	cctgaagaga	gcgtcaggcc	atcagctctg	420
tccctctggt	gctcccacgt	ctgttctca	ccctccatct	ctgggagcag	ctgcacctga	480
ctggccacgc	gggggcagtg	gaggcacagg	ctcagggtgg	ccgggctacc	tggcacccta	540
tggcttacia	agtagagttg	gccagtttct	cttccacctg	aggggagcac	tctgactcct	600
aacagtcttc	cttgccctgc	catcatctgg	gggtggctggc	tgtcaagaaa	ggccgggcat	660
gctttctaaa	cacagccaca	ggaggcttgt	agggcatctt	ccagggtggg	aaacagtctt	720
agataagtaa	ggtgacttgc	ctaaggcctc	ccagcacctc	tgatcttgga	gtctcacagc	780
agactgcatg	tsaacaactg	gaaccgaaaa	catgcctcag	tataaaa		827

&lt;210&gt; 32

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 32

ccagaacctc	cttctctttg	gagaatgggg	aggcctcttg	gagacacaga	gggtttcacc	60
ttggatgacc	tctagagaaa	ttgcccaaga	agcccacctt	ctgggtccaa	cctgcagacc	120
ccacagcagt	cagttggtca	ggcctgctg	tagaagggtca	cttggtctca	ttgctgctt	180
ccaaccaatg	ggcaggagag	aaggccttta	tttctcgccc	accattctc	ctgtaccagc	240
acctccgttt	tcagtcagy	ttgtccagca	acggtaccgt	ttacacagtc	a	291

&lt;210&gt; 33

&lt;211&gt; 491

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 33

tgcatgtagt	tttatttatg	tgttttsgtc	tggaaaacca	agtggtcccag	cagcatgact	60
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```

gaacatcact cacttcccct acttgatcta caaggccaac gccgagagcc cagaccagga      120
ttccaaacac actgcacgag aatattgtgg atccgctgtc aggtaagtgt ccgtcactga      180
cccaracgct gttacgtggc acatgactgt acagtgccac gtaacagcac tgtacttttc      240
tcccatgaac agttacctgc catgtatcta catgattcag aacattttga acagttaatt      300
ctgacacttg aataatccca tcaaaaaccg taaaatcact ttgatgtttg taacgacaac      360
atagcatcac tttagcacag aatcatctgg aaaaacagaa caacgaatac atacatctta      420
aaaaatgctg ggggtgggcca ggcacagctt cacgcctgta atcccagcac tttgggaggc      480
ttaagcgggt g

```

```

<210> 34
<211> 521
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

```

```

<400> 34
tggggcggaag agaagccaag gccaaaggagc tgggtcgggca gctgcagctg gaggccgagg      60
agcagaggaa gcagaagaag cggcagagtg tgctgggcct gcacagatac cttcacttgc      120
tggatggaaa tgaaaattac ccgtgtcttg tggatgcaga cggatgatgtg atttccttcc      180
caccaataac caacagttag aagacaaagg ttaagaaaac gacttctgat ttgttttttg      240
aagtaacaag tgccaccagt ctgcagattt gcaaggatgt catggatgcc ctctattctga      300
aaatggcaag aaatgaaaaa gtacacttta gaaaataaag aggaaggatc actctcagat      360
actgaagccg atgcagtctc tggacaactt ccagatccca caacgaatcc cagtgcctgga      420
aaggacgggc ccttcttctt ggtggtggaa cangtcccgg tggatgatct tggaanggaa      480
cctgaangtg gtgtaccccg tccaaggccg accttggcca c

```

```

<210> 35
<211> 161
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

```

```

<400> 35
tcccgcgctc gcagggcneg tgccacctgc cygtccgccc gctcgcctgc tcgcccgcgc      60
cgccgcgctg ccgaccgyca gcatgctgcc gagagtgggc tgccccgcgc tgccgctgcc      120
gccgcccgcg ctgctgccgc tgctgccgct gctgctgctg c

```

```

<210> 36
<211> 341
<212> DNA
<213> Homo sapien

```

```

<400> 36

```

```
<210> 37
<211> 521
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1) ... (521)
<223> n = A,T,C or G
```

```
<210> 38
<211> 461
<212> DNA
<213> Homo sapien
```

```
<210> 39
<211> 769
<212> DNA
<213> Homo sapien
```

<400> 39  
tgagggactg attggtttgc tctctgctat tcaattcccc aagcccaactt gttcctgcag 60  
cgtcctcctt ctcatccct ttagttgtac cctctctttc atctgagacc ttctcttctt 120

gatgtgcct	tttcttcttc	ttgctttttc	tgatgttctg	ctcagcatgt	tctgggtgct	180
tctcatctgc	atcattcctt	tcagatgctg	tagcttcttc	ctcctctttc	tgctcctttt	240
tctttttctt	ttttttgggg	ggcttgctct	ctgactgcag	ttgaggggcc	ccagggctct	300
ggcctttgag	acgagccagg	aaggcctgct	cctgggcctc	taggcgagca	agcttggcct	360
tcattgtgat	cccaagacgg	gcagccttgt	gtgctgttcg	ccccacacag	gcttggagca	420
gcatctcatc	agtcagaatc	tttggggact	tggaccctcg	gttgctgtca	tcactgcagc	480
tctccaagtc	tttgtttggc	ttctctccac	ctgaagtcaa	tgtagccatc	ttcacaaact	540
tctgatacag	caagttgggc	ttgggatgat	tataacgggt	ggctctctta	gaaaggctcc	600
ttatctgtac	tccatcctgc	ccagtttcca	ctaccaagtt	ggccgcagtc	ttgttgaaga	660
gctcattcca	ccagtggttt	gtgaactcct	tggcagggtc	atgtcctacc	ccatgagtgt	720
cttgcttcag	ygtcacctcg	agagcctgag	tgataccatt	ctccttcctg		769

&lt;210&gt; 40

&lt;211&gt; 292

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 40

gacaacatga	aataaatcct	agaggacaaa	attaaactca	atagagtgtg	gtctagttaa	60
aaactcgaaa	aatgagcaag	tctgggtggga	gtggaggaag	ggctatacta	taaatccaag	120
tgggcctcct	gatcttaaca	agccatgctc	attatacaca	tctctgaact	ggacatacca	180
cctttacgca	ggaaacaggg	cttggaactt	ctaagggaaa	ttaacatgca	ccacccacat	240
ctaacctacc	tgccgggtag	gtaccatccc	tgcttcgctg	aatcagtgcc	tc	292

&lt;210&gt; 41

&lt;211&gt; 406

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 41

ttggaattaa	ataaacctgg	aacagggaag	gtgaaagttg	gagtgagatg	tcttccatat	60
ctataccttt	gtgcacagtt	gaatgggaac	tgtttgggtt	tagggcatct	tagagttgat	120
tgatggaaaa	agcagacagg	aactgggtggg	aggtcaagtg	gggaagtggg	tgaatgtgga	180
ataacttacc	tttggtgtcc	acttaaacca	gatgtgttgc	agctttcctg	acatgcaagg	240
atctacttta	attccacact	ctcattaata	aattgaataa	aagggaatgt	tttggcacct	300
gatataatct	gccaggctat	gtgacagtag	gaaggaaatg	tttcccctaa	caagcccaat	360
gcactgggtct	gactttataa	attatttaat	aaaatgaact	attatc		406

&lt;210&gt; 42

&lt;211&gt; 381

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 42

aaactggacc	tgcaacaggg	acatgaattt	actgcarggt	ctgagcaagc	tcagcccctc	60
tacctcaggg	ccccacagcc	atgactacct	ccccaggag	cgggaggggtg	aagggggcct	120
gtctctgcaa	gtggagccag	agtggaggaa	tgagctctga	agacacagca	cccagccttc	180
tcgcaccagc	caagccttaa	ctgcctgcct	gacctgaac	cagaacccag	ctgaactgcc	240
cctccaaggg	acaggaaggc	tgggggaggg	agtttacaac	ccaagccatt	ccaccccctc	300
ccctgctggg	gagaatgaca	catcaagctg	ctaacaattg	ggggaagggg	aaggaagaaa	360
actctgaaaa	caaaatcttg	t				381

<210> 43  
 <211> 451  
 <212> DNA  
 <213> Homo sapien

<400> 43  
 catgcgtttc accactgttg gccaggetgg tctcgaactc ctggcctcaa gcaatccacc 60  
 cgccctcagcc tccaaaagtg ctgggattac agatgtgagc catggcacca tgccaaaagg 120  
 ctatatctct ggctctgtgt ttccgagact gcttttaate ccaacttctc tacatttaga 180  
 ttaaaaaata ttttattcat ggtcaatctg gaacataatt actgcatctt aagtttccac 240  
 tgatgtatat agaaggctaa aggcacaatt tttatcaaatt ctagtagagt aaccaaacad 300  
 aaaatcatta attactttca acttaataac taattgacat tctcaaaag agctgttttc 360  
 aatcctgata ggttctttat tttttcaaaa tatatttgcc atgggatgct aatttgcaat 420  
 aaggcgcata atgagaatac cccaaactgg a 451

<210> 44  
 <211> 521  
 <212> DNA  
 <213> Homo sapien

<400> 44  
 gttggacccc cagggactgg aaagacactt cttgcccagag ctgtggcggg agaagctgat 60  
 gttccttttt attatgcttc tggatccgaa tttgatgaga tgtttgtggg tgtgggagcc 120  
 agccgtatca gaaatctttt tagggaagca aaggcgaatg ctcttctgtg tatatttatt 180  
 gatgaattag attctgttgg tgggaagaga attgaatctc caatgcatcc atattcaagg 240  
 cagaccataa atcaacttct tgctgaaatg gatggtttta aaccaatga aggagttatc 300  
 ataataggag ccacaaactt cccagaggca ttagataatg ccttaatacc gtcttggtcg 360  
 ttttgacatg caagttacag ttccaaggcc agatgtaaaa ggtcgaacag aaattttgaa 420  
 atgggtatctc aataaaaataa agtttgatca atcccgttga tccagaaatt atagcctcga 480  
 ggtactggtg gcttttccgg aagcagagtt gggagaatct t 521

<210> 45  
 <211> 585  
 <212> DNA  
 <213> Homo sapien

<400> 45  
 gcctacaaca tccagaaaga gtctaccctg cacctgggtgc tscgtctcag aggtgggatg 60  
 cagatcttctg tgaagaccct gactggtaag accatcactc tcgaagtga gccagtgac 120  
 accatygaga acgtcaaagc aaagatccar gacaaggaag gertycctcc tgaccagcag 180  
 aggttgatct ttgccggaaa gcagctggaa gatggdcgca cctgtctga ctacaacatc 240  
 cagaaagagt cyaccctgca cctgggtgctc cgtctcagag gtgggatgca ratcttcgtg 300  
 aagaccctga ctggtaagac catcacctc gaggtggagc ccagtgcac catcgagaat 360  
 gtcaaggcaa agatccaaga taaggaaggc atccctcctg atcagcagag gttgatcttt 420  
 gctgggaaac agctggaaga tggacgcacc ctgtctgact acaacatcca gaaagagtcc 480  
 actctgcact tggctctgcy cttgaggggg ggtgtctaag tttcccttt taaggtttcm 540  
 acaaatttca ttgcactttc ctttcaataa agttgttgca ttccc 585

<210> 46  
 <211> 481



&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 46

```

gaactggggcc ctgagcccaa gtcatgcctt gtgtccgcat ctgccgtgtc acctctgtkc      60
ctgcccctca cccctccctc ctggtcttct gagccagcac catctccaaa tagcctattc      120
cttcttgcaa atcacacaca catgctgggc acacatacct gctgccctgg agatggggaa      180
gtaggagaga tgaatagagg ccatacatt gtacagaagg aggggcaggt gcagataaaa      240
gcagcagacc cagcggcagc tgaggtgcat ggagcacggt tggggccggc attgggctga      300
gcacctgatg ggctcatct cgtgaatcct cgaggcagcg ccacagcaga ggagttaagt      360
ggcacctggg ccgagcagag caggagactg agggtcagag tggaggctaa gctgccctgg      420
aactcctcaa tcttgctgc cccctagtat gaagccccct tctgccctt acaattcctg      480
a                                                                                   481

```

&lt;210&gt; 47

&lt;211&gt; 461

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(461)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 47

```

atggatctta ctttgccacc caggttggag tgcagtgtcg caatcttggc tcaactgcagc      60
cttaacctcc caggtctcaag ctatcctcct gccaaagcct tccacatagc tgggactaca      120
ggtacacngc caccacaccc agctaaaatt tttgtatddd ttgtagagac gggatctcgc      180
cacgttgccc aggttggtcc catcctgacc tcaagcagat ctgccacct cagcccccca      240
acgtgctagg attacaggcg tgagccaccg caccagcct ttgttttgc tttaatggaa      300
tcaccagttc cctccgtgt ctcagcagca gctgtgagaa atgctttgca tctgtgacct      360
ttatgaaggg gaacttccat gctgaatgag ggtaggatta catgctcctg tttccggggg      420
gtcaagaaag cctcagactc cagcatgata agcaggggtga g                                                                                   461

```

&lt;210&gt; 48

&lt;211&gt; 571

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 48

```

ataggggctt taaggaggga attcaggttc aatgaggtcg taaggccagg gctcttatcc      60
agtaagactg gggtccttag atgagaaaga gacacccgag gtcttctct ctgccgtgtg      120
aggatgcatc aagaaggcgg ccgtctgcaa gcgaaggaga ggccgcacca gaaaccgaca      180
ccttcattct ggacttgag cctctagaac tgagaaaata actgtctgtt ggttaagcca      240
cccagtttgt agtattctct tatggcttcc taagcagact aacaaacaaa caccacaaat      300
taactgatgg cttcgctgtc ttctgtaaaa attgctatga gagaactttt cactcactgt      360
tttgagttt ctccctcagt cctgggttct ttcttctcac ataatcccaa tttcaattta      420
tagttcatgg ccaggcaga gtcattcatc acggcatctc ctgagctaaa ccagcacctg      480
ctctgtcac ttcttgactg gctgtcatc atcagccctc ttgcagagat ttcatttctt      540
cccgtgccag gtacttcacg caccaagctc a                                                                                   571

```

<400> 49

<400> 50

<400> 51

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<210> 52
<211> 682
<212> DNA
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&lt;213&gt; Homo sapien

&lt;400&gt; 52

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ctcttcacac	tcctcacata	gacccagac	ccgctggccc	ctggtggg	atcgattgc	600
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ggtcggtcat	tgtcataacc	ag				682

&lt;210&gt; 53

&lt;211&gt; 311

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (311)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 53

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agbgtgagtt	a					311

&lt;210&gt; 54

&lt;211&gt; 561

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 54

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cagatggaca	gattccact	ggagagaagc	acggcagaac	ctttaaccat	ggtgcaaata	540
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<210> 55  
 <211> 811  
 <212> DNA  
 <213> Homo sapien

<400> 55  
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 ggactgtggg tgcattgccac catgacctggc taacttttgt agtttttgta aagatggggg 180  
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 acgctgtcaa tttttccacc aatcccttgt ctctctttgg agagatcttc ttatcagcta 720  
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 <211> 591  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (591)  
 <223> n = A,T,C or G

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 taaaaagagc tactctatct gaaaaaaaat taaaaaataa atgagacaag atagtttatg 240  
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<210> 57  
 <211> 481  
 <212> DNA  
 <213> Homo sapien

<400> 57  
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 attttttctg tattaaacct ctatcatagt ttaagcctat tagggactt aatccttaca 240  
 aataaacagg tttaaaatca cctcaatagg caactgcctt tctggttttc ttctttgact 300  
 aaacaatctg aatgcttaag attttccact ttgggtgcta gcagtacaca gtgttacact 360  
 ctgtattcca gacttcttaa attatagaaa aaggaatgta cactttttgt attctttctg 420  
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<210> 58  
 <211> 141  
 <212> DNA  
 <213> Homo sapien

<400> 58  
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<210> 59  
 <211> 191  
 <212> DNA  
 <213> Homo sapien

<400> 59  
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 acaagacttg ggagtgattc acacctggaa caacatactg gacttcacac tggabagaaa 120  
 ccttacaagt gtaatgagtg tggcaaagcc tttggcaagc agtcaacact tattcaccat 180  
 caggcaattc a 191

<210> 60  
 <211> 480  
 <212> DNA  
 <213> Homo sapien

<400> 60  
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 tgggatggga agcatgccc atctgtccat tcatcagcca ttgcctccag ttgcacctat 420  
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<210> 61  
 <211> 381  
 <212> DNA  
 <213> Homo sapien

<400> 61  
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tcttcctttt	ctgatgactt	tctatgaagt	aaactgatcc	ctgaatcagg	tgtgttactg	240
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cactggttat	cccaaacttc	t				381

&lt;210&gt; 62

&lt;211&gt; 906

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 62

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agaccg						906

&lt;210&gt; 63

&lt;211&gt; 491

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 63

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aacctagaaa	aagattgggc	gtgctaagga	atcagctgcc	ccctcatcct	ccgcatacaa	300
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cactgtggtc	a					491

&lt;210&gt; 64

&lt;211&gt; 511

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 64

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ccagcatctc	agcagccctc	aaaagtcgtc	ctggggcaag	ctctggttct	cctgactgga	480
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&lt;210&gt; 65

&lt;211&gt; 394

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 65

taaaaaagtg	taacaaaggt	ttatttagac	tttcttcatg	ccccagatc	caggatgtct	60
atgtaaaccg	ttatcttaca	aagaaagcac	aatatttggg	ataaactaag	tcagtgactt	120
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aagggctcggg	gagaggcctc	ttgggctatg	tggg			394

&lt;210&gt; 66

&lt;211&gt; 359

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 66

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gaaggaaaat	tccatatcca	atatgagttt	actcagagac	agtagaaact	attcccagg	359

&lt;210&gt; 67

&lt;211&gt; 450

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(450)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 67

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&lt;210&gt; 68

&lt;211&gt; 511

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 68

aagcctcctg	ccctggaaat	ctggagcccc	ttggagctga	gctggacggg	gcagggaggg	60
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ccggaggggc	agcaaccccc	cgcacacgtc	agccaacagc	agtgcctctg	caggcaccaa	480
gagagcgatg	atggacttga	gcgcctgttt	c			511

&lt;210&gt; 69

&lt;211&gt; 511

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 69

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&lt;210&gt; 70

&lt;211&gt; 511

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 70

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gtgctgggt gggactactt cacagagcag c 511

<210> 71  
<211> 511  
<212> DNA  
<213> Homo sapien

<400> 71  
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<210> 72  
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<212> DNA  
<213> Homo sapien

<400> 72  
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atcagaaaac acaagaagaa gagcctcaga agaaactgcc agttactttt gaggacaaac 1140  
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agcagcagca gaggagggt gaacgcaaag cccagaaaga gaaggaagag tgggagcgga 1260  
aacagagaga actgcaagag caagaatgga agaagcagct ggagttggag aaacgcttgg 1320  
agaaacagag agagctggag agacagcggg aggaagagag gagaaaggag atagaaagac 1380  
gagaggcagc aaaacaggag cttgagagac aacgccgttt agaattggga agactccgtc 1440  
ggcaggagct gctcagtcag aagaccaggg aacaagaaga cattgtcagg ctgagctcca 1500  
gaaagaaaag tctccacctg gaactggaag cagtgaatgg aaaacatcag cagatctcag 1560

```
<210> 73
<211> 414
<212> DNA
<213> Homo sapien
```

```
<210> 74
<211> 1567
<212> DNA
<213> Homo sapien
```

<400> 74						
atatctagaa	gtctggagtg	agcaaacaaag	agcaagaaac	aaaaagaagc	caaaagcaga	60
aggctccaat	atgaacaaga	taaatctatc	ttcaaagaca	tattagaagt	tgggaaaata	120
attcatgtga	actagacaag	tgtgttaaga	gtgataagta	aaatgcacgt	ggagacaagt	180
gcatccccag	atctcaggga	cctccccctg	cctgtcacct	ggggagtgag	aggacaggat	240
agtgcatgtt	ctttgtctct	gaatttttag	ttatatgtgc	tgtaatgttg	ctctgaggaa	300
gccccggaa	agtctatccc	aacatatcca	catcttatat	tccacaaatt	aagctgtagt	360
atgtacccta	agacgctgct	aattgactgc	cacttcgcaa	ctcaggggcg	gctgcatttt	420
agtaatgggt	caaatgattc	actttttatg	atgcttccaa	aggtgccttg	gcttctcttc	480
ccaactgaca	aatgccaaag	ttgagaaaaa	tgatcataat	tttagcataa	acagagcagt	540
cggcgacacc	gattttataa	ataaactgag	caccttcttt	ttaaacaaac	aaatgcgggt	600
ttattttctca	gatgatgttc	atccgtgaat	gggccaggga	aggacctttc	accttgacta	660
tatggcatta	tgtcatcaca	agctctgagg	cttctccttt	ccatcctgcg	tggacagcta	720
agacctcagt	tttcaatagc	atctagagca	gtgggactca	gctgggggtga	tttcgcccc	780
catctccggg	ggaatgtctg	aagacaattt	tgttacctca	atgagggagt	ggaggaggat	840
acagtgtctac	taccaactag	tggataaagg	ccagggatgc	tgctcaacct	cctaccatgt	900
acaggacgtc	tccccattac	aactacccaa	tccgaagtgt	caactgtgtc	aggactaaga	960
aaccctggtt	ttgagtagaa	aagggcctgg	aaagagggga	gccaacaaat	ctgtctgctt	1020
cctcacatta	gtcattggca	aataagcatt	ctgtctcttt	ggctgctgcc	tcagcacaga	1080
gagccagaac	tctatcgggc	accaggataa	catctctcag	tgaacagagt	tgacaaggcc	1140
tatgggaaat	gcctgatggg	attatcttca	gcttgttgag	cttctaagtt	tctttccctt	1200
cattctaccc	tgcaagccaa	gttctgttaag	agaaatgcct	gagttctagc	tcaggttttc	1260
ttactctgaa	tttagatctc	cagacccttc	ctggccacaa	ttcaaattaa	ggcaacaaac	1320

atataccttc	catgaagcac	acacagactt	ttgaaagcaa	ggacaatgac	tgcttgaatt	1380
gaggccttga	ggaatgaagc	tttgaaggaa	aagaatactt	tgtttccagc	ccccctccca	1440
cactcttcat	gtgttaacca	ctgccttctt	ggaccttgga	gccacggtga	ctgtattaca	1500
tgttgttata	gaaaactgat	tttagagttc	tgatcggtca	agagaatgat	taaataataca	1560
tttctta						1567

<210> 75  
 <211> 240  
 <212> DNA  
 <213> Homo sapien

tcgagcgccc	gcccgggcag	gtccttcaga	cttggactgt	gtcacactgc	caggcttcca	60
gggctccaac	ttgcagacgg	cctgttggtg	gacagtctct	gtaatcgga	aagcaaccat	120
ggaagacctg	ggggaaaaca	ccatggtttt	atccaccttg	agatctttga	acaacttcat	180
ctctcagcgt	gcggaggagg	gctctggact	ggatatttct	acctcgcccg	cgaccacgct	240

<210> 76  
 <211> 330  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)... (330)  
 <223> n = A,T,C or G

tagcgyggtc	gcccgcgagg	ycctgcttytc	tgtccagccc	agggcctgtg	gggtcagggc	60
gggtgggtgca	gatggcatcc	actccggtgg	cttccccatc	tttctctggc	ctgagcaagg	120
tcagcctgca	gccagagtac	agagggccaa	cactgggtgtt	cttgaacaag	ggccttagca	180
ggccctgaag	gcccctctct	gtagtgttga	acttctctgga	gccaggccac	atgttctcct	240
cataccgcag	gytagygatg	gtgaagtgtg	gggtgaaata	gtattmangr	agatggctgg	300
caracctgcc	cgggcggccg	ctcsaaatcc				330

<210> 77  
 <211> 361  
 <212> DNA  
 <213> Homo sapien

agcgtgggtcg	cgcccgaggt	gtccttcagg	gtctgcttat	gcccttggtc	aagaacacca	60
gtgtcagctc	tctgtactct	gggtgcagac	tgaccttgct	caggcctgag	aaggatgggg	120
cagccaccag	agtggatgct	gtctgcaccc	atcgtctctga	ccccaaaagc	cctggactgg	180
acagagagcg	gctgtactgg	aagctgagcc	agctgaccca	cggcatcact	gagctggggc	240
cctacaccct	ggacagggac	agtctctatg	tcaatggttt	cacccatcgg	agctctgtac	300
ccaccaccag	caccgggggtg	gtcagcgagg	agccattcaa	cctgcccggg	cggccgctcg	360
a						361

<210> 78  
 <211> 356

000780" 10292960

<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(356)  
<223> n = A,T,C or G

<400> 78

ttggggnttt	mgagcggccg	cccgggcagg	taccgggggtg	gtcagcggagg	agccattcac	60
actgaacttc	accatcaaca	acctgcggta	tgaggagaac	atgcagcacc	ctggctccag	120
gaagttcaac	accacggaga	gggtccttca	gggcctgctc	aggtccctgt	tcaagagcac	180
cagtgttggc	cctctgtact	ctggctgcag	actgactttg	ctcagacttg	agaaacatgg	240
ggcagccact	ggagtggacg	ccatctgcac	cctccgcctt	gateccactg	gtcctggact	300
ggacagagag	cggctatact	gggagctgag	ccagtctctt	ggcggngacn	ccnctt	356

<210> 79  
<211> 226  
<212> DNA  
<213> Homo sapien

<400> 79

agcgtgggtcg	cggccgaggt	ccagtcgcag	catgctcttt	ctcctgccc	ctggcacagt	60
gaggaagatc	tctgctgtca	gtgagaaggc	tgtcatccac	tgagatggca	gtcaaaagtg	120
catttaatac	acctaacgta	tgaacatca	tagcttggcc	caggttatct	catatgtgct	180
cagaacactt	acaatagcct	gcagacctgc	ccgggcggcc	gctcga		226

<210> 80  
<211> 444  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(444)  
<223> n = A,T,C or G

<400> 80

tgtgggtgtg	aacttcctgg	agncagggtg	acccatgtcc	tccccatact	gcaggttggt	60
gatgggtgaag	ttgaggggtga	atgggtaccag	gagagggcca	gcagccataa	ttgtsgrgck	120
gsmgmssgag	gmwggwgtyy	cwgaggttcy	rarrtccact	gtggaggtcc	caggagtgtc	180
ggtgggtgggc	acagagstcy	gatgggtgaa	accattgaca	tagagactgt	tcctgtccag	240
ggtgtagggg	cccagctctt	yratgycatt	ggycagttkg	ctyagctccc	agtacagccr	300
ctctckgyyg	mgwccagsgc	ttttggggtc	aagatgatgg	atgcagatgg	catccactcc	360
agtggctgct	ccatccttct	cggacctgag	agaggtcagt	ctgcagccag	agtacagagg	420
gccaacactg	gtgttctttg	aata				444

<210> 81  
<211> 310  
<212> DNA  
<213> Homo sapien

&lt;400&gt; 81

tcgagcggcc	gcccgggcag	gtcaggaagc	acattggtct	tagagccact	gcctcctgga	60
ttccacctgt	gctgcggaca	tctccagga	gtgcagaagg	gaagcaggtc	aaactgctca	120
gatcagtcag	actggctggt	ctcagttctc	acctgagcaa	ggtcagtctg	cagccagagt	180
acagagggcc	aacactgggt	ttcttgaaca	agggcttgag	cagaccctgc	agaaccctct	240
tccgtgggtg	tgaacttctt	ggaaaccagg	gtgttgcatg	tttttctca	taatgcaagg	300
ttggtgatgg						310

&lt;210&gt; 82

&lt;211&gt; 571

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (571)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 82

acggtttcaa	tggacacttt	tattgtttac	ttaatggatc	atcaattttg	tctcactacc	60
tacaaatgga	atttcatctt	gtttccatgc	tgagtagtga	aacagtgaca	aagctaataca	120
taataaccta	catcaaaaga	gaactaagct	aacactgctc	actttctttt	taacaggcaa	180
aatataaata	tatgcactct	anaatgcaca	atggtttagt	cactaaaaaa	ttcaaattggg	240
atcttgaaga	atgtatgcaa	atccaggggtg	cagtgaagat	gagctgagat	gctgtgcaac	300
tgtttaaggg	ttcctggcac	tgcatctctt	ggccactagc	tgaatcttga	catggaaggt	360
tttagctaata	gccaagtggg	gatgcagaaa	atgctaagtt	gacttagggg	ctgtgcacag	420
gaactaaaag	gcaggaaagt	actaaatatt	gctgagagca	tccaccccag	gaaggacttt	480
accttccagg	agctccaaac	tggcaccacc	cccagtgtct	acatggctga	ctttatcctc	540
cgtgttccat	ttggcacagc	aagtggcagt	g			571

&lt;210&gt; 83

&lt;211&gt; 551

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 83

aaggctgggtg	gggtttttgat	cctgctggag	aacctccgct	ttcatgtgga	ggaagaaggg	60
aagggaaaag	atgcttcttg	gaacaagggt	aaagccgagc	cagccaaaat	agaagctttc	120
cgagcttcac	tttccaagct	aggggatgtc	tatgtcaatg	atgcttttgg	cactgctcac	180
agagcccaca	gctccatggg	aggagtcaat	ctgccacaga	aggctgggtg	gtttttgatg	240
aagaaggagc	tgaactactt	tgcaaaggcc	ttggagagcc	cagagcgacc	cttcctggcc	300
atcctggggc	gagctaaagt	tgagacaag	atccagctca	tcaataatat	gctggacaaa	360
gtcaatgaga	tgattattgg	tggtggaatg	gcttttacct	tccttaaggt	gctcaacaac	420
atggagattg	gcacttctct	gtttgatgaa	gagggagcca	agattgtcaa	agacctaatg	480
tccaaagctg	agaagaatgg	tgtgaagatt	accttgcttg	ttgactttgt	cactgctgac	540
aagtttgatg	a					551

&lt;210&gt; 84

&lt;211&gt; 571

&lt;212&gt; DNA

aagccaataa	tcaccattta	ttactttaata	tatgccaaacc	actgtacttg	gcagttcaca	60
aattctcacc	gttacaacaa	ccccatgagg	tattttattcc	cattctatag	atagggaaac	120
cacagctcaa	gtaagttagg	aaactgagcc	aagtatacac	agaatacga	gtggcaaaac	180
tagaaggaaa	gactgacact	gctatctgct	ggcctccagt	gtcctggctc	ttttcacacg	240
ggttcaatgt	ctccagcgct	gctgctgctg	ctgcattacc	atgccctcat	tgtttttctt	300
cctctgggtg	tcaactgcat	ccttcaaaga	atctaactca	ttccagagac	cacttatttc	360
tttctctctt	tctgaaatta	cttttaataa	ttcttcatga	gggggaaaag	aagatgcttg	420
ttggtagttt	tgttgtttaa	gctgctcaat	ttgggactta	aacaatttgt	tttcatcttg	480
tacatcctgt	aacagctgtg	ttttgctaga	aagatcactc	tccctctctt	ttagcatggc	540
ttctaaccct	ttcaattcat	tttccttttc	tttcaacaca	atctcaagtt	cttcaaactg	600
tgatgcagaa	gaggcctctt	tcaagttatg	ttgtgctact	tcctgaacat	gtgcttttaa	660
agattcattt	tcttcttgaa	gatcctgtaa	ccacttccct	gtattggcta	ggtctttctc	720
tttctcttcc	aaaacagcct	tcatggtatt	catctgttcc	tcttttcctt	ttaataagtt	780
caggagcttc	agaac					795

<210> 87  
 <211> 594  
 <212> DNA  
 <213> Homo sapien

<400> 87

caagctttttt	tttttttttt	aaaaagtgtt	agcattaatg	ttttattgtc	acgcagatgg	60
caactgggtt	tatgtcttca	tattttatat	ttttgtaa	taaaaaaatt	acaagtttta	120
aatagccaat	ggctgggtat	attttcagaa	aacatgatta	gactaattca	ttaatgggtg	180
cttcaagctt	ttccttattg	gtccagaaa	attcaccac	cttttgtecc	ttcttaaaaa	240
actggaatgt	tggcatgcat	ttgacttcac	actctgaagc	aacatcctga	cagtcaccca	300
catctacttc	aaggaatata	acgttggaat	acttttcaga	gagggaaatga	aagaaaggct	360
tgatcatttt	gcaaggccca	caccacgtgg	ctgagaagtc	aactactaca	agtttatcac	420
ctgcagcgtc	caaggcttcc	tgaaaagcag	tcttgctctc	gatctgcttc	accatcttgg	480
ctgctggagt	ctgacgagcg	gctgtaagga	ccgatggaaa	tggatccaaa	gcaccaaaca	540
gagcttcaag	actcgtctgt	tggcttgaat	tcggatccga	tatcgccatg	gcct	594

<210> 88  
 <211> 557  
 <212> DNA  
 <213> Homo sapien

<400> 88

aagtgttagc	attaatgttt	tattgtcacg	cagatggcaa	ctgggtttat	gtcttcatat	60
tttatatttt	tgtaaattaa	aaaaattmca	agttttaaat	agccaatggc	tggttatatt	120
ttcagaaaac	atgattagac	taattcatta	atgggtggctt	caagcttttc	cttattggct	180
ccagaaaatt	caccacactt	ttgtcccttc	ttaaaaaact	ggaatgttgg	catgcatttg	240
acttcacact	ctgaagcaac	atcctgacag	tcatccacat	ctacttcaag	gaatatcacg	300
ttggaatact	tttcagagag	ggaatgaaag	aaaggcttga	tcattttgca	aggcccacac	360
cacgtggctg	agaagtcaac	tactacaagt	ttatcacctg	cagcgtccaa	ggcttctctga	420
aaagcagtct	tgctctcgat	ctgcttcacc	atcttggtctg	ctggagtctg	acgagcggct	480
gtaaggaccg	atggaaatgg	atccaaagca	ccaaacagag	cttcaagact	cgctgcttgg	540
catgaattcg	gatccga					557

<210> 89  
 <211> 561  
 <212> DNA  
 <213> Homo sapien

<220>

<221> misc\_feature

<222> (1) ... (561)

<223> n = A,T,C or G

<400> 89

tacaaacttt	attgaaacgc	acacgcgcac	acacacaaac	acccctgtgg	atagggaaaa	60
gcacctggcc	acaggttcca	ctgaaacggg	gaggggatgg	cagcttgtaa	tgtggctttt	120
gccacaaccc	ccttctgaca	gggaaggcct	tagattgagg	ccccacctcc	catggtgatg	180
gggagctcag	aatgggggtcc	agggagaatt	tggttagggg	gaggtgctag	ggaggcatga	240
gcagagggca	ccctccgagt	ggggccccga	gggctgcaga	gtcttcagta	ctgtccctca	300

```
<210> 90
<211> 561
<212> DNA
<213> Homo sapien
```

```
<210> 91
<211> 541
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1) ... (541)
<223> n = A,T,C or G
```

```
<210> 92
<211> 551
<212> DNA
<213> Homo sapien
```



```

aaccggagcg cgagcagtag ctgggtgggc accatggctg ggatcaccac catcgaggcg      60
gtgaagcgca agatccaggt tctgcagcag caggcagatg atgcagagga gcgagctgag      120
cgctccagc  gagaagttga gggagaaagg cgggcccggg aacaggctga ggctgaggtg      180
gcctccttga accgtaggat ccagctgggt gaagaagagc tggaccgtgc tcaggagcgc      240
ctggccactg ccttgcaaaa gctggaagaa gctgaaaaag ctgctgatga gagtgaagaga      300
ggtatgaagg ttattgaaaa cggggcctta aaagatgaag aaaagatgga actccaggaa      360
atccaactca aagaagctaa gcacattgca gaagaggcag ataggaagta tgaagaggtg      420
gctcgtaagt tggatgatcat tgaaggagac ttggaacgca cagaggaacg agctgagctg      480
gcagagtccc gttgccgaga gatggatgag cagattagac tgatggacca gaacctgaag      540
tgtctgagtg c

```

```

<210> 93
<211> 531
<212> DNA
<213> Homo sapien

```

```

<400> 93
gagaacttgg cctttattgt gggcccagga gggcacaaag gtcaggaggc ccaagggagg      60
gatctggttt tctggatagc caggtcatag catgggtatc agtaggaatc cgctgtagct      120
gcacaggcct cacttgctgc agttccgggg agaacacctg cactgcatgg cgttgatgac      180
ctcgtggtac acgacagagc cattggtgca gtgcaagggc acgcgcatgg gctccgtcct      240
cgagggcagg cagcaggagc attgctcctg cacatcctcg atgtcaatgg agtacacagc      300
tttgctggca cactttccct ggcagtaatg aatgtccact tcctcttggg acttacaatc      360
tcccactttg atgtactgca ccttggctgt gatgtctttg caatcaggct cctcacatgt      420
gtcacagcag gtgcctggaa ttttcacgat tttgcctcct tcagccagac acttgtgttc      480
atcaaattgt gggcagcccg tgaccctctt ctcccagatg tactctcttc t

```

```

<210> 94
<211> 531
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

```

```

<400> 94
gcctggacct tgccggatca gtgccacaca gtgacttgct tggcaaattg ccagaccttg      60
ctgcagagtc atcgtgtcaa ttgtgacctt ggaccccggc cttcatgtgc caacagccag      120
tctcctgttc ggggtggagga gacgtgtggc tgccgctgga cctgcccttg tgtgtgcacg      180
ggcagttcca ctccgcacat cgtcaccttc gatgggcaga atttcaagct tactggtagc      240
tgctcctatg tcactcttca aaacaaggag caggacctgg aagtgtcctt ccacaatggg      300
gcctgcagcc ccggggcaaa acaagcctgc atgaagtcca ttgagattaa gcatgctggc      360
gtctctgctg agctgcacag taacatggag atggcagtgg atgggagact ggtccttgcc      420
ccgtacgttg gtgaaaacat ggaagtcagc atctacggcg ctatcatgta tgaagtcagg      480
tttaccatc ttggccacat cctcacatac accgccncaa aacaacgagt t

```

```

<210> 95
<211> 605
<212> DNA

```

<213> Homo sapien

<400> 95

agatcaacct	ctgctgggtca	ggaggaatgc	cttccttgtc	ttggatcttt	gctttgacgt	60
tctcgatagt	rwcaactkk	ysramsma	agkgyratgr	wmttksyw	gasyktmwwm	120
rsgraraytt	agacayccm	cctcwagac	gsagkaccar	gtgcagaggt	ggactctttc	180
tggatgttgt	agtcagacag	ggtgcgtcca	tcttccagct	gtttcccagc	aaagatcaac	240
ctctgctgat	caggagggat	gccttcctta	tcttggatct	ttgccttgac	attctcgatg	300
gtgtcactgg	gctccacctc	gagggtgatg	gtcttaccag	tcagggtctt	cacgaagaty	360
tgcattccac	ctctgagacg	gagcaccagg	tgcagggttg	actctttctg	gatgttgtag	420
tcagacaggg	tgcgyccatc	ttccagctgc	tttccsagca	aagatcaacc	tctgctggtc	480
aggaggratg	ccttccttgt	cytggatctt	tgcyytgacr	ttctcratgg	tgtcactcgg	540
ctccacttcg	agagtgatgg	tcttaccagt	cagggtcttc	acgaagatct	gcattccacc	600
tctaa						605

<210> 96

<211> 531

<212> DNA

<213> Homo sapien

<400> 96

aagtcacaaa	cagacaaaga	ttattaccag	ctgcaagcta	tattagaagc	tgaacgaaga	60
gacagagggtc	atgattctga	gatgattgga	gaccttcaag	ctcgaattac	atctttataa	120
gaggaggtga	agcatctcaa	acataatctc	gaaaaagtgg	aaggagaaag	aaaagaggct	180
caagacatgc	ttaatcactc	agaaaaggaa	aagaataatt	tagagataga	tttaaaactac	240
aaacttaaat	cattacaaca	acggttagaa	caagaggtaa	atgaacacaa	agtaacccaa	300
gctcgtttaa	ctgacaaaca	tcaatctatt	gaagaggcaa	agtctgtggc	aatgtgtgag	360
atggaaaaaa	agctgaaaga	agaaagagaa	gctcgagaga	aggctgaaaa	tcgggttggt	420
cagattgaga	aacagtgttc	catgctagac	gttgatctga	agcaatctca	gcagaaacta	480
gaacatttga	ctggaaataa	agaaaggatg	gaggatgaag	ttaagaatct	a	531

<210> 97

<211> 1017

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1) ... (1017)

<223> n = A,T,C or G

<400> 97

cgctccacc	atgtccatca	gggtgaccca	gaagtcctac	aagggtgtcca	cctctggccc	60
ccgggccttc	agcagccgct	cctacacgag	tgggcccggg	tcccgcacat	gctcctcgag	120
cttctcccg	gtgggcagca	gcaactttcg	cggtggcctg	ggcgccggct	atgggtggggc	180
cagcggcatg	ggaggcatca	ccgcagttac	ggtcaaccag	agcctgctga	gcccccttgt	240
cctggagggtg	gaccccaaca	tccaggccgt	gcgacccag	gagaaggagc	agatcaagac	300
cctcaacaac	aagtttgcc	ccttcataga	caaggtagcg	ttcctggagc	agcagaacaa	360
gatgctggag	accaagtgga	gcctcctgca	gcagcagaag	acggctcgaa	gcaacatgga	420
caacatgttc	gagagctaca	tcaacarcct	taggcggcag	ctggagactc	tggggccagga	480
gaagctgaag	ctggaggcgg	agcttggcaa	catgcagggg	ctgggtggagg	acttcaagaa	540

000T30" T039E950

caagtatgag	gatgagatca	ataagcgtac	agagatggag	aacgaatttg	tctcatcaa	600
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gaccgacgag	atcaacttcc	taggcagct	gtatgaagag	gagatccggg	agctgcagtc	720
ccagatctcg	gacacatctg	tgggtgctgc	catggacaac	agccgctccc	tggacatgga	780
cagcatcatt	gctgaggtca	aggcacagta	cgaggatatt	gccaaaccga	gccgggctga	840
ggctgagagc	atgtaccagg	tcaagtatga	ggagctgcag	agcctggctg	ggaagcacgg	900
ggatgacctg	cggcgacaaa	agactgagat	ctctgagatg	aaccgggaac	atcagcccg	960
ctncaggctg	agattgaggg	cctcaaaggc	caganggctt	ncctggangn	ccgccat	1017

<210> 98  
 <211> 561  
 <212> DNA  
 <213> Homo sapien

cccggagcca	gccaacgagc	ggaaaatggc	agacaatttt	tcgctccatg	atgcgttatt	60
tgggtctgga	aacccaaacc	ctcaaggatg	gcctggcgca	tgggggaacc	agcctgctgg	120
ggcagggggc	taccagggg	cttctatcc	tggggcctac	cccgggcagg	cacccccagg	180
ggcttattct	ggacaggcac	ctccaggcgc	ctaccctgga	gcacctggag	cttatcccgg	240
agcacctgca	cctggagtct	accaggggcc	accagcggc	cctggggcct	accatcttc	300
tggacagcca	agtgccaccg	gagcctaccc	tgccactggc	ccctatggcg	cccctgctgg	360
gccactgatt	gtgccttata	acctgccttt	gcctggggga	gtgggtgctc	gcattgctgat	420
aacaattctg	ggcacgggtga	agcccaatgc	aaacagaatt	gcttttagatt	tccaaagagg	480
gaatgatgtt	gccttccact	ttaaccacg	cttcaatgag	aacaacagga	gagtcattgg	540
ttgcaatata	aagctggata	a				561

<210> 99  
 <211> 636  
 <212> DNA  
 <213> Homo sapien

gggaatgcaa	caactttatt	gaaaggaaag	tgcaatgaaa	tttggtgaaa	ccttaaaagg	60
ggaaacttag	acaccccccc	tcragcgmag	kaccargtgc	araggtggac	tctttctgga	120
tgttgtagtc	agacagggtr	cgwccatctt	ccagctgttt	yccrgcaaag	atcaacctct	180
gctgatcagg	aggratgcct	tccttatctt	ggatctttgc	cttgacattc	tcgatgggtg	240
cactgggctc	cacctcgagg	gtgatggctt	taccagttag	ggtcttcacg	aagatytgca	300
tcccacctct	gagacggagc	accaggtgca	gggtgactc	tttctggatg	ttgtagtcag	360
acaggggtgc	yccatcttcc	agctgctttc	csagcaaaga	tcaacctctg	ctggtcagga	420
ggratgcctt	ccttgctcyg	gatctttgcy	ttgacrttct	caatgggtgc	actcggtctc	480
acttcgagag	tgaagggtctt	accagttag	gtcttcacga	agatctgcat	cccacctcta	540
agacggagca	ccaggtgcag	ggtggactct	ttctggatgg	ttgtagtcag	acaggggtgc	600
tccatcttcc	agctgtttcc	cagcaaagat	caacct			636

<210> 100  
 <211> 697  
 <212> DNA  
 <213> Homo sapien

aggttgatct	ttgctgggaa	acagctggaa	gatggacgca	ccctgtctga	ctacaacctat	60
------------	------------	------------	------------	------------	-------------	----

000130-1089560

```
<210> 101
<211> 451
<212> DNA
<213> Homo sapien
```

```
<210> 102
<211> 571
<212> DNA
<213> Homo sapien
```

```
<210> 103
<211> 451
<212> DNA
<213> Homo sapien
```

<400> 103  
gtgcacaggt cccatttatt gtagaaaata ataataatta cagtqatgaa tagctcttct 60

```
<210> 104
<211> 441
<212> DNA
<213> Homo sapien
```

```
<210> 105
<211> 509
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1) ... (509)
<223> n = A,T,C or G
```

```
<210> 106
<211> 571
<212> DNA
<213> Homo sapien
```

<400> 106  
gggttggaag gactggttct ttatttcaaa aagacacttg tcaatattca qtatcaaaac 60

```
<210> 107
<211> 555
<212> DNA
<213> Homo sapien
```

```
<210> 108
<211> 541
<212> DNA
<213> Homo sapien
```

```
<210> 109
<211> 411
<212> DNA
<213> Homo sapien
```

<400> 109  
ctagacctct aattaaagg cacaatcatg ctggagaatg aacagtctga ccccgagggc 60

cacagcgaat	tttagggaag	gaggcaaaga	ggtagagaag	gaaaggaaag	aaggaaggaa	120
ggagaacaat	aagaactgga	gacgttgggt	gggtcagga	gtgtggtgga	ggctcggaga	180
gatggtaaac	aaacctgact	gctatgagtt	ttcaacccca	tagtctaggg	ccatgagggc	240
gtcagttctt	ggtggctgag	ggtccttcca	cccagccca	ctgggggagt	ggagtgggga	300
gttctgccag	gtaagcagat	gttgtctccc	aagttcctga	cccagatgtc	tggcaggata	360
acgctgacct	gttcctcaa	caagggacct	gaaagtaatt	ttgctcttta	c	411

&lt;210&gt; 110

&lt;211&gt; 451

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 110

ccgaattcaa	gcgtcaacga	tccttccctt	accatcaa	caattggcca	ccaatggtac	60
tgaacctacg	agtaaccga	ctacggcg	actaatcttc	aactcctaca	tacttcccc	120
attattccta	gaaccaggcg	acctgcgact	ccttgacgtt	gacaatcgag	tagtactccc	180
gattgaagcc	cccattcgta	taataattac	atcacaagac	gtcttgact	catgagctgt	240
ccccacatta	ggcttaaaaa	cagatgcaat	tcccgacgt	ctaagccaaa	ccactttcac	300
cgctacacga	ccgggggtat	actacggtca	atgctctgaa	atctgtggag	caaaccacag	360
tttcatgccc	atcgctctag	aattaattcc	cctaaaaatc	tttgaaatag	ggcccgtatt	420
tacctatag	cacccctct	acccctcta	g			451

&lt;210&gt; 111

&lt;211&gt; 541

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 111

gctcttcaca	cttttattgt	taattctctt	cacatggcag	atacagagct	gtcgtcttga	60
agaccaccac	tgaccaggaa	atgccacttt	tacaaaatca	tcccccttt	tcatgattgg	120
aacagttttc	ctgaccgtct	gggagcgttg	aagggtgacc	agcacatttg	cacatgcaaa	180
aaaggagtga	ccccaaaggc	tcaaccacac	ttcccagagc	tcaccatggg	ctgcaggtga	240
cttgccaggt	ttgggggttg	tgagctttcc	ttgctgctgc	ggtggggagg	ccctcaagaa	300
ctgagaggcc	gggggtatgt	tcatgagtg	taacatttac	gggacaaaag	cgcatcatta	360
ggataaggaa	cagccacagc	acttcatgct	tgtgaggggt	agctgtagga	gcgggtgaaa	420
ggattccagt	ttatgaaaat	ttaaagcaaa	caacggtttt	tagctgggtg	ggaaacagga	480
aaactgtgat	gtcggccaat	gaccaccatt	tttctgccca	tgtgaaggtc	cccatgaaac	540
c						541

&lt;210&gt; 112

&lt;211&gt; 521

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 112

caagcgcttg	gcgtttggac	ccagttcagt	gaggttcttg	ggttttgtgc	ctttggggat	60
tttggtttga	cccaggggtc	agccttagga	aggtcttcag	gaggaggccg	agttccccct	120
cagtaccacc	cctctctccc	cactttccct	ctcccggcaa	catctctggg	aatcaacagc	180
atattgacac	gttgagccg	agcctgaaca	tgccccctcg	ccccagcaca	tggaaaaccc	240
ccttcccttg	ctaagggtgc	tgagtttctg	gctcttgagg	catttccaga	cttgaaattc	300
tcatcagtec	attgctcttg	agtctttgca	gagaacctca	gatcaggtgc	acctgggaga	360

```
<210> 113
<211> 568
<212> DNA
<213> Homo sapien
```

```
<210> 114
<211> 483
<212> DNA
<213> Homo sapien
```

```
<210> 115
<211> 521
<212> DNA
<213> Homo sapien
```

<400> 115							
tgtggtggcg	cgggctgagg	tggaggccca	ggactctgac	cctgcccttg	ccttcagcaa		60
ggccccggcg	agcgccggcc	actacgaact	gccgtgggtt	gaaaaatata	ggccagtaaa		120
gctgaatgaa	attgtcggga	atgaagacac	cgtgagcagg	ctagaggtct	ttgcaaggga		180
aggaaatgtg	cccaacatca	tcattgctgg	ccctccagga	accggcaaga	ccacaagcat		240
tctgtgcttg	gccccggccc	tgctgggccc	agcactcaaa	gatgccatgt	tggaaactcaa		300
tgcttcaaat	gacaggggca	ttgacgttgt	gaggaataaa	attaaaatgt	ttgctcaaca		360
aaaagtcact	cttcccaaag	gccgacataa	gatcatcatt	ctggatgaag	cagacagcat		420
gaccgacgga	gcccagcaag	ccttgaggag	aaccatggaa	atctactcta	aaaccactcg		480



521

<400> 116

```
<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G
```

<400> 117

<400> 118

tccggagccg	gggtagtcgc	cgcgcgcgcc	gccggtgcag	ccactgcagg	caccgctgcc	60
gccgcctgag	tagtgggctt	aggaaggaag	aggtcattctc	gctcggagct	tgcctcggaa	120
gggtctttgt	tcctgcagc	cctcccacgg	gaatgacaat	ggataaaaagt	gagctggtac	180
agaaaagccaa	actcgctgag	caggctgagc	gatatgatga	tatggctgca	gccatgaagg	240
cagtcacaga	acaggggcat	gaactctcca	acgaagagag	aaatctgctc	tctgttgctt	300
acaagaatgt	ggtaaggccg	cccgccgctc	ttcctggcgt	gtcatctcca	gcattgagca	360
gaaaaacagag	aggaatgaga	agaagcagca	gatgggcaaa	gagtagccgtg	agaagataga	420

```
<210> 119
<211> 391
<212> DNA
<213> Homo sapien
```

```
<210> 120
<211> 421
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G
```

```
<210> 121
<211> 206
<212> DNA
<213> Homo sapien
```

<210>	122
<211>	131
<212>	DNA



<222> (1)...(341)

<223> n = A,T,C or G

<400> 125

atgcaaaagg	ggacacaggg	ggttcaaaaa	taaaaatttc	tcttccccct	cccaaacct	60
gtaccccagc	tccccgacca	caaccccctt	cctcccccg	ggaaagcaag	aaggagcagg	120
tgtggcatct	gcagctggga	agagagaggg	cggggaggtg	cagagctcgg	tgtgtgtctc	180
tttccaaata	taaatacgtg	tgtcagaact	ggaaaatcct	ccagcaccca	ccacccaagc	240
actctccgtt	ttctgccggt	gtttggagag	gggcggnggg	caggggcgcc	aggcacccggc	300
tggtgcgggt	ctactgcate	cgctgggtgt	gcaccccgcg	a		341

<210> 126

<211> 521

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(521)

<223> n = A,T,C or G

<400> 126

aggttggaga	aggctcatgca	ggtgcagatt	gtccaggskc	agccacaggg	tcaagcccaa	60
caggcccaga	gtggcactgg	acagaccatg	cagggtgatgc	agcagatcat	cactaacaca	120
ggagagatcc	agcagatccc	ggtgcagctg	aatgccggcc	agctgcagta	tatccgttta	180
gccagcctg	tatcaggcac	tcaagttgtg	cagggacaga	tccagacact	tgccaccaat	240
gctcaacaga	ttacacagac	agaggtccag	caaggacagc	agcagttcaa	gccagttcac	300
aagatggaca	gcagctctac	cagatccagc	aagtcaccat	gcctgcgggc	cangacctcg	360
ccagcccatg	ttcatccagt	caagccaacc	agccctttna	cgggcaggcc	ccccaggtga	420
cgggcgactg	aagggcctga	gctggcaagg	ccaangacac	ccaacacaat	ttttgccata	480
cagccccag	gcaatgggca	cagcctttct	tcccagagga	c		521

<210> 127

<211> 351

<212> DNA

<213> Homo sapien

<400> 127

tgagatttat	tgcatttcat	gcagcttgaa	gtccatgcaa	aggrgactag	cacagttttt	60
aatgcattta	aaaaataaaa	gggaggtggg	cagcaaacac	acaaagtcct	agtttcctgg	120
gtccctggga	gaaaagagt	tggcaatgaa	tccacccact	ctccacaggg	aataaatctg	180
tctcttaaat	gcaaagaatg	tttccatggc	ctctggatgc	aaatacacag	agctctgggg	240
tcagagcaag	ggatggggag	aggaccacga	gtgaaaaagc	agctacacac	attcacctaa	300
ttccatctga	gggcaagaac	aacgtggcaa	gtcttggggg	tagcagctgt	t	351

<210> 128

<211> 521

<212> DNA

<213> Homo sapien

<400> 128

tccagacatg	ctcctgtcct	aggcggggag	caggaaccag	acctgctatg	ggaagcagaa	60
agagttaagg	gaaggtttcc	tttcattcct	gttccttctc	ttttgctttt	gaacagtttt	120
taaatatact	aatagctaag	tcatttgcca	gccagggtccc	ggtgaacagt	agagaacaag	180
gagcttgcta	agaattaatt	ttgctgtttt	tcaccccat	caaacagagc	tgccctgttc	240
cctgatggag	ttccattcct	gccagggcac	ggctgagtaa	cacgaagcca	ttcaagaaag	300
gcgggtgtga	aatcactgcc	accccatgga	cagacccctc	actcttcctt	cttagccgca	360
gcgctactta	ataaatatat	ttatactttg	aaattatgat	aaccgatttt	tcccatgcgg	420
catcctaagg	gcacttgcca	gctcttatcc	ggacagtcaa	gcactgttgt	tggacaacag	480
ataaaggaaa	agaaaaagaa	gaaaacaacc	gcaacttctg	t		521

&lt;210&gt; 129

&lt;211&gt; 521

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 129

tgagacggac	cactggcctg	gtccccctc	atktgctgtc	gtaggacctg	acatgaaacg	60
cagatctagt	ggcagagagg	aagatgatga	ggaacttctg	agacgtcggc	agcttcaaga	120
agagcaatta	atgaagctta	actcaggcct	gggacagttg	atcttgaaag	aagagatgga	180
gaaagagagc	cgggaaaggt	catctctgtt	agccagtcgc	tacgattctc	ccatcaactc	240
agcttcacat	attccatcat	ctaaaactgc	atctctccct	ggctatggaa	gaaatgggct	300
tcaccggcct	gtttctaccg	acttcgctca	gtataacagc	tatggggatg	tcagcggggg	360
agtgcgagat	taccagacac	ttccagatgg	ccacatgcct	gcaatgagaa	tggaccgagg	420
agtgtctatg	cccaacatgt	tggaaacaaa	gatatttcca	tatgaaatgc	tcatggtgac	480
caacagaggg	ccgaaaccaa	atctcagaga	ggtggacaga	a		521

&lt;210&gt; 130

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 130

tcactttatt	tttcttgtat	aaaaacccta	tgttgtagcc	acagctggag	cctgagtcctg	60
ctgcacggag	actctgggtg	gggtcttgac	gaggtggtca	gtgaactcct	gatagggaga	120
cttgggtgaat	acagtctcct	tccagaggtc	gggggtcagg	tagctgtagg	tcttagaaat	180
ggcatcaaag	gtggccttgg	cgaagttgcc	caggggtgga	gtgcagcccc	gggctgaggt	240
gtagcagtca	tcgataccag	ccatcatgag				270

&lt;210&gt; 131

&lt;211&gt; 341

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 131

ctggaatata	gacccgtgat	cgacaaaact	ttgaacgagg	ctgactgtgc	caccgtcccc	60
ccagccattc	gctcctactg	atgagacaag	atgtgggtgat	gacagaatca	gcttttgtaa	120
ttatgtataa	tagctcatgc	atgtgtccat	gtcataactg	tcttcatacg	cttctgcact	180
ctggggaaga	aggagtacat	tgaaggagga	ttggcaccta	gtggctggga	gcttgccagg	240
aacccagtgg	ccaggggagc	tggcacttac	ctttgtccct	tgcttcattc	ttgtgagatg	300
ataaaaactg	gcacagctct	taaataaaat	ataaatgaac	a		341

<210> 132  
 <211> 844  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(844)  
 <223> n = A,T,C or G

<400> 132  
 tgaatgggga ggagctgacc caggaaatgg agcttgngga gaccaggcct gcaggggatg 60  
 gaaccttcca gaagtgggca tctgtggtgg tgcctcttgg gaaggagcag aagtacacat 120  
 gccatgtgga acatgagggg ctgcctgagc ccctcaccct gagatggggc aaggaggagc 180  
 ctccttcac caccaagact aacacagtaa tcattgctgt tccggttgct cttggagctg 240  
 tggtcacct tggagctgtg atggcttttg tgatgaagag gaggagaaac acaggtggaa 300  
 aaggagggga ctatgctctg gctccaggct ccagagctc tgatatgtct cttccagatt 360  
 gtaaagtgtg aagacagctg cctgggtgtg acttggtgac agacaatgtc ttcacacatc 420  
 tcctgtgaca tccagagacc tcagttctct ttagtcaagt gtctgatgtt ccctgtgagt 480  
 ctgcgggctc aaagtgaaga actgtggagc ccagtcacc cctgcacacc aggaccctat 540  
 ccctgcactg ccctgtgttc cttccacag ccaaccttgc tgctccagcc aaacattggt 600  
 ggacatctgc agcctgtcag ctccatgcta ccctgacctt caactcctca cttccacact 660  
 gagaataata atttgaatgt ggggtggctgg agagatggct cagcgctgac tgctcttcca 720  
 aaggctctga gttcaaacc cagcaaccac atgggtggctc acaaccatct gtaatgggat 780  
 ctaataccct cttctgcagt gtctgaagac asctacagt tacttacata taataataaa 840  
 taag 844

<210> 133  
 <211> 601  
 <212> DNA  
 <213> Homo sapien

<400> 133  
 ggccggggcg gcgcgcccc gccacacgca cgccggggcgt gccagtttat aaagggagag 60  
 agcaagcagc gactcttgaa gctctgtttg gtgcttttga tccatttcca tcggtcctta 120  
 cagcgcctcg tcagactcca gcagccaaga tgggtgaagc gatcgagagc aagactgctt 180  
 ttcaggaagc cttggacgct gcaggtgata aacttgtagt agttgacttc tcagccacgt 240  
 ggtgtggggc ttgcaaaatg atcaagcctt tctttcattc cctctctgaa aagtattcca 300  
 acgtgatatt ccttgaagta gatgtggatg actgtcagga tgttgcttca gagtgtgaag 360  
 tcaaatgcat gccaacattc cagtttttta agaagggaca aaaggtgggt gaattttctg 420  
 gagccaataa ggaaaagctt gaagccacca ttaatgaatt agtctaata tgttttctga 480  
 aaatataacc agccattggc tattttaaac ttgtaatttt tttaatttac aaaaatataa 540  
 aatatgaaga cataaaccm gttgccatct gcgtgacaat aaaacattaa tgctaacact 600  
 t 601

<210> 134  
 <211> 421  
 <212> DNA  
 <213> Homo sapien

<400> 134

000T80" T88960

```
<210> 135
<211> 511
<212> DNA
<213> Homo sapien
```

```
<210> 136
<211> 341
<212> DNA
<213> Homo sapien
```

```
<210> 137
<211> 551
<212> DNA
<213> Homo sapien
```

<400> 137						
gatgtgttg	accctctgtg	tcaaaaaaaaa	cctcacaaag	aatcccctgc	tcattacaga	60
agaagatgca	tttaaaatat	gggttatttt	caacttttta	tctgaggaca	agtatccatt	120
aattattgtg	tcagaagaga	ttgaatacct	gcttaagaag	cttacagaag	ctatgggagg	180
aggttggcag	caagaacaat	ttgaacatta	taaaatcaac	tttgatgaca	gtaaaaatgg	240
cctttctgca	tgggaactta	ttgagcttat	tggaaatgga	cagtttagca	aaggcatgga	300
ccggcgact	gtgtctatgg	caattaatga	agtctttaat	gaacttatat	tagatgtgtt	360
aaagcaggg	tacatgatga	aaaagggcc	cagacggaaa	aactggactg	aaagatgggt	420

tgtactaaaa cccaacataa tttcttacta tgtgagtgag gatctgaagg ataagaaagg 480  
 agacattctc ttggatgaaa attgctgtgt agaagtcctt gcctgacaaa agatggaaag 540  
 aaatgccttt t 551

<210> 138  
 <211> 531  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(531)  
 <223> n = A,T,C or G

<400> 138  
 gactggttct tttttcaaa aagacacttg tcaatattca gtrtcaaaac agttgcacta 60  
 ttgatttctc tttctcccaa tgcggcccaa agagaccaca taaaaggaga gtacatttta 120  
 agccaataag ctgcaggatg tacacctaac agacctcta gaaaccttac cagaaaatgg 180  
 ggactgggta gggaaggaaa cttaaaagat caacaaactg ccagcccacg gactgcagag 240  
 gctgtcacag ccagatgggg tggccagggt gccacaaacc caaagcaaag tttcaaaata 300  
 atataaaatt taaaaagttt tgtacataag ctattcaaga tttctccagc actgactgat 360  
 acaaagcaca attgagatgg cacttctaga gacagcagct tcaaaccagc aaaaggggtga 420  
 tgagatgaag tttcacatgg ctaaatacgt ggcaaaaaca cagtcttctt tctttctttc 480  
 tttcaaggan gcaggaaagc aattaagtgg tcaccttaac ataaggggga c 531

<210> 139  
 <211> 521  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(521)  
 <223> n = A,T,C or G

<400> 139  
 tgggtgggca ccatggctgg gatcaccacc atcgaggcgg tgaagcgcaa gatccagggt 60  
 ctgcagcagc aggcagatga tgcagaggag cgagctgagc gcctccagcg agaagttgag 120  
 ggagaaaaggc gggcccgga acaggctgag gctgagggtg cctccttgaa ccgtaggatc 180  
 cagctggttg aagaagagct ggaacgtgct caggagcgcc tggccactgc cctgcaaaag 240  
 ctggaagaag ctgaaaaagc tgctgatgag agtgagagag gtatgaagggt tattgaaaac 300  
 cgggccttaa aagatgaaga aaagatggaa ctccaggaaa tccaactcaa agaagctaag 360  
 cacattgcag aagaggcaga taggaagtat gaagagggtg ctcgtaagtt ggtgatcatt 420  
 gaaggagact tggaaacgca cagaaggaac gagcttgagc ttggcaaaag tcccgttgcc 480  
 cagagatggg atgaaccaga ttagactgat ggaccanaac c 521

<210> 140  
 <211> 571  
 <212> DNA  
 <213> Homo sapien

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<400> 140

<210> 141

<211> 531

## <21.2> DNA

<213> Homo sapien

<400> 141

<210> 142

<211> 491

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (491)$ 

<223> n = A, T, C or G

<400> 142

acctagacag	aaggtgggtg	agggaggact	ggtaggaggc	tgaggcaatt	ccttggtagt	60
ttgtcctgaa	accctactgg	agaagtcagc	atgaggcacc	tactgagaga	agtgcccaga	120
aactgctgac	tgcattctgtt	aagagttaac	agtaaagagg	tagaagtgtg	tttctgaatc	180
agagtggaaag	cgtctcaagg	gtcccacagt	ggaggtccct	gagctacctc	ccttcctgta	240
gtgggaagag	tgaagcccat	gaagaactga	gatgaagcaa	ggatgggggtt	cctgggctcc	300
aggcaagggc	tgtgctctct	gcagcaggga	gccccacgag	tcagaagaaa	agaactaatc	360
atttgttgca	agaaaccttg	cccgataact	agcggaaaac	tggaggcggn	ggtgggggca	420

```
<210> 143
<211> 515
<212> DNA
<213> Homo sapien
```

```
<210> 144
<211> 340
<212> DNA
<213> Homo sapien
```

```
<210> 145
<211> 630
<212> DNA
<213> Homo sapien
```

<210> 146

<211> 521  
 <212> DNA  
 <213> Homo sapien

<400> 146  
 atggctgctg gatttaggtg gtaatagggg ctgtggggcca taaatctgaa gccttgagaa 60  
 ccttggttct ggagagccat gaagagggaa ggaaaagagg gcaagtctg aacctaacca 120  
 atgacctgat ggattgctcg accaagacac agaagtgaag tctgtgtctg tgcacttccc 180  
 acagactgga gtttttgggtg ctgaatagag ccagttgcta aaaaattggg ggtttgggtga 240  
 agaaatctga ttgttgtgtg tattcaatgt gtgattttta aaataaacag caacaacaat 300  
 aaaaacctg actggctgtt ttttccctgt attctttaca actatTTTTT gaccctctga 360  
 aaattattat acttcaccta aatggaagac tgctgtgttt gtggaaattt tgtaattttt 420  
 taattttatt tattctctct cctttttatt ttgcctgcag aatccgttga gagactaata 480  
 aggettaata ttttaattgat ttgtttaata tgtatataaa t 521

<210> 147  
 <211> 562  
 <212> DNA  
 <213> Homo sapien

<400> 147  
 ggcattgcag cgcactcggc ggacgcaagg gcggcgggga gcacacggag cactgcaggc 60  
 gccgggttgg gacagcgtct tcgctgctgc tggatagtcg tgttttcggg gatcgaggat 120  
 actcaccaga aaccgaaaat gccgaaacca atcaatgtcc gagttaccac catggatgca 180  
 gagctggagt ttgcaatcca gccaaataca actggaaaac agctttttga tcagggtgga 240  
 aagactatcg gcctccggga agtgtggtac tttggcctcc actatgtgga taataaagga 300  
 tttctacct ggctgaagct ggataagaag gtgtctgccc aggaggtcag gaaggagaat 360  
 cccctccagt tcaagttccg ggccaaagtt ctaccctgaa gatgtggctg aggagctcat 420  
 ccaggacatc acccagaaac ttttcttctc tcaagtgaag gaaggaaatc ttagcgatga 480  
 gatctactgc ccccttgar actgccgtgc tcttggggtc ctacgcttgt gcatgccaaag 540  
 tttggggact accaccaaga ag 562

<210> 148  
 <211> 820  
 <212> DNA  
 <213> Homo sapien

<400> 148  
 gaaggagtgc ggatactcag cattgatgca ccccaatttc aaagcggcat tcttcggcag 60  
 gtctctggga caatctctag ggtcactacc tggaaactcg ttagggatca actgaatgct 120  
 gaaaggaaag aacacctgca gaaccggaca gaaattcacc ccggcgatca gctgattgat 180  
 ctcggtcgac cagaagtcac ggctaaagat gacgaggacg ttgtcaattc cctgggcttt 240  
 tcgaagttag tccagcagca gtctgaggta ttccggcgcg ttatgcacct ggaccaccag 300  
 caccagctcc cggggggccc aggtgccagc cttatctaca ttctcaggg tctgatcaaa 360  
 gttcagctgg tacaccaggg accggtaccg cagcgtcagg ttgtccgctc gggctggggg 420  
 accgccggga ccagggaagc cgccgacagc ttggagaccg tgcggatgcc cacagccaca 480  
 gaggggtggt cccaccgcg gccgcggca cccgcgcgg gtccggcgctc cagcaacggg 540  
 ggggagaggg cctcgttctt cctttgtcgc ccattgctgc tccagaggac gaagccgcag 600  
 gcggccacca cgagcgtcag gattagcacc ttccgtttgt agatgcggaa cctcatggct 660  
 tccagggcgg ggagcgcagc tacagctcga gcgtcggcgc cgccgctagg agcccgggct 720  
 cggcttcgtc tccgtcctct ccattcagca ccacgggtcc cggaaaaagc tcagccscgg 780

820

<400> 149

```
<210> 150
<211> 511
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1) ... (511)  
<223> n = A,T,C or G
```

<400> 150

```
<210> 151
<211> 566
<212> DNA
<213> Homo sapien
```

<400> 151

tccgaattc	aagcgacaaa	ttggawagt	aatggaaga	tgcctatcat	gaacatcagg	60
caaatctttt	gcgccaagat	ctgatgagac	gacaggaaga	attaagacgc	atggaagaac	120
ttcacaatca	agaaatgcag	aaacgtaaag	aatgcaatt	gaggcaagag	gaggaacgac	180
gtagaagaga	ggaagagatg	atgattcgtc	aacgtgagat	ggaagaacaa	atgaggcgcc	240
aaagagagga	aagttacagc	cgaatgggct	acatggatcc	acgggaaaaga	gacatgcgaa	300
tgggtggcgq	aggagcaatg	aacatgggag	atccctatgg	ttcaggaggc	cagaaatttc	360

cacctctagg	aggtggtggt	ggcatagggt	atgaagctaa	tcttggcggt	ccaccagcaa	420
ccatgagtgg	ttccatgatg	ggaagtgaca	tgctactga	gcgctttggg	cagggaggtg	480
cggggcctgt	gggtggacag	ggctctagag	gaatggggcc	tggaactcca	gcaggatatg	540
gtagaggggag	agaagagtac	gaaggc				566

<210> 152  
 <211> 518  
 <212> DNA  
 <213> Homo sapien

<400> 152						
ttcgtgaaga	ccctgactgg	taagaccatc	actctcgaag	tggagcccga	gtgacaccat	60
tgagaatgtc	aaggcaaaga	tccaagacaa	ggaaggcatc	cctcctgacc	agcakagggt	120
gatctttgct	gggaaacagc	tggaagatgg	acgcaccctg	tctgactaca	acatccagaa	180
agagtccacc	ctgcacctgg	tgctccgtct	cagagggtgg	atgcaaactc	tcgtgaagac	240
cctgactggg	aagaccatca	ccctcgaggt	ggagcccagt	gacaccatcg	agaatgtcaa	300
ggcaaagatc	caagataagg	aaggcatccc	tcctgatcag	cagagggtga	tctttgctgg	360
gaaacagctg	gaagatggac	gcaccctgtc	tgactacaac	atccagaaag	agtccactct	420
gcacttggtc	ctgcgcttga	gggggggtgt	ctaagtttcc	ccttttaagg	tttcaacaaa	480
tttcattgca	ctttcctttc	aataaagttg	ttgcatte			518

<210> 153  
 <211> 542  
 <212> DNA  
 <213> Homo sapien

<400> 153						
gcgcgggtgc	gtgggccact	gggtgaccga	cttagcctgg	ccagactctc	agcacctgga	60
agcgccccga	gagtgcacgc	gtgaggctgg	gagggaggac	ttggcttgag	cttggttaaac	120
tctgctctga	gcctccttgt	cgctgcatt	tagatggctc	ccgcaaagaa	gggtggcgag	180
aagaaaaagg	gccgttctgc	catcaacgaa	gtggtaacct	gagaatacac	catcaacatt	240
cacaagcgca	tccatggagt	gggcttcaag	aagcgtgcac	ctcgggcact	caaagagatt	300
cggaaatttg	ccatgaagga	gatgggaact	ccagatgtgc	gcattgacac	caggctcaac	360
aaagctgtct	gggcccagg	aataaggaat	gtgccatacc	gaatcgtgt	gcggctgtcc	420
agaaaacgta	atgaggatga	agattcacca	aataagctat	atactttggt	tacctatgta	480
cctgtttacca	ctttcaaaaa	tctacagaca	gtcaatgtgg	atgagaacta	atcgctgac	540
gt						542

<210> 154  
 <211> 411  
 <212> DNA  
 <213> Homo sapien

<400> 154						
aattctttat	ttaaataaac	aaactcatct	tcctcaagcc	ccagaccatg	gtaggcagcc	60
ctccctctcc	atccctcac	cccaccctt	agccacagt	aagggaatgg	aaaatgagaa	120
gccacgaggg	ccctgccag	ggaaggctgc	cccagatgtg	tggtgagcac	agtcagtgc	180
gctgtggctg	gggcagcagc	tgccacaggc	tcctccctat	aaattaagtt	cctgcagcca	240
cagctgtggg	agaagcatat	ttgtagaagc	aaggccagtc	cagcatcaga	aggcagaggc	300
agcatcagt	actcccagcc	atggaatgaa	cggaggacac	agagctcaga	gacagaacag	360
gccaggggga	agaaggagag	acagaatagg	ccagggcagt	gcgggtgagg	a	411

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<210> 155  
 <211> 421  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(421)  
 <223> n = A,T,C or G

<400> 155  
 tgatgaatct ggggtgggctg gcagtagccc gagatgatgg gctcttctct ggggatccca 60  
 actggttccc taagaaatcc aaggagaatc ctcggaactt ctcggataac cagctgcaag 120  
 agggcaagaa cgtgatcggg ttacagatgg gcaccaaccg cggggcgctc cangcaggca 180  
 tgactggcta cgggatgcc a gccagatcc tctgatccca cccaggcct tgccctgcc 240  
 ctcccacgaa tggttaatat atatgtagat atatatttta gcagtgcacat tcccagagag 300  
 cccagagct ctcaagctcc tttctgtcag ggtggggggg tcaagcctgt cctgtcacct 360  
 ctgaagtgcc tgctggcatc ctctcccca tgcttactaa tacattccct tccccatagc 420  
 c 421

<210> 156  
 <211> 670  
 <212> DNA  
 <213> Homo sapien

<400> 156  
 agcggagctc cctccccctgg tggctacaac ccacacacgc caggctcagg catcgagcag 60  
 aactccagcg actgggtaac cactgacatt cagggtgaagg tgcgggacac ctacctggat 120  
 acacaggtgg tgggacagac aggtgtcatc cgcagtgtca cggggggcat gtgctctgtg 180  
 tacctgaagg acagtgagaa ggttgtcagc atttccagtg agcacctgga gcctatcacc 240  
 cccaccaaga acaacaaggt gaaagtgate ctgggagagg atcgggaagc cacgggcgtc 300  
 ctactgagca ttgatgggta ggatggcatt gtccgtatgg accttgatga gcagctcaag 360  
 atcctcaacc tccgttccct ggggaagctc ctggaagcct gaagcaggca gggccgggtg 420  
 acttctgctg atgaagagtg atcctccttc cttccctggc ccttggctgt gacacaagat 480  
 cctcctgcag ggctaggcgg attgttctgg atttcccttt gtttttcctt ttaggtttcc 540  
 atcttttccc tccctgggtgc tcattggaat ctgagtagag tctgggggag ggtccccacc 600  
 ttctgtacc tctcccccac agcttgcttt tgttgtaacc tctttcaata aaaagaagct 660  
 gtttggctca 670

<210> 157  
 <211> 421  
 <212> DNA  
 <213> Homo sapien

<400> 157  
 gggtcacagc actgctgctt gtgtgttgcc ggccaggaat tccaggctca caaggctatc 60  
 ttagcagctc gttctccggg ttttagtgcc atgtttgaac atgaaatgga ggagagcaaa 120  
 aagaatcgag ttgaaatcaa tgatgtggag cctgaagttt ttaaggaaat gatgtgcttc 180  
 atttacacgg ggaaggctcc aaacctcgac aaaatggctg atgatttgct ggcagctgct 240  
 gacaagtatg ccctggagcg cttaaaggctc atgtgtgagg atgccctctg cagtaacctg 300

```
<210> 158
<211> 321
<212> DNA
<213> Homo sapien
```

```
<210> 159
<211> 596
<212> DNA
<213> Homo sapien
```

```
<210> 160
<211> 515
<212> DNA
<213> Homo sapien
```

<210> 161

<211> 936  
 <212> DNA  
 <213> Homo sapien

<400> 161

taattttctta	gtcgttttga	atccttaagc	atgcaaaagc	tttgaacaga	agggttcaca	60
aaggaaccag	ggttgtctta	tggcatccag	ttaagccaga	gctgggaatg	cctctgggtc	120
atccacatca	ggagcagaag	cacttgactt	gtcggctctg	ctgccacggt	ttgggcgccc	180
accacgccc	cgtccacctc	gtcctcccc	gccgccacgt	cctgggcggc	caaggtctcc	240
aaaattgac	tccagctgag	acgttatatc	atttgctggc	ttccggaaat	gatgggtccat	300
aaccgaatct	tcagcatgag	cctcttcact	ctttgattta	tgaagaacaa	atcccttctt	360
ccactgccc	tcagcacctt	catttggttt	tccgatatta	aattctactt	ttgcccggtc	420
cttattttga	atagccttcc	actcatccaa	agtcactctt	tttggaccct	cctctttttac	480
ctcttcaact	tcattctcct	tattttcagt	gtctgccact	ggatgatggt	cttcaccttc	540
agggtgtttc	tcagtcacat	ttgattgac	caagtcagtt	aattcgtctt	tgacagttcc	600
ccagttgtga	gatccgctac	ctccacgttt	gtcctcgtgc	ttcaggccag	atctatcact	660
tccactatgc	ctatcaaatt	caggtttgcc	acgagaatca	aatccatctc	ctcggcccat	720
tccacgtcca	cgccccctc	gacctcttcc	aagaccacca	cgacctcgaa	taggtcggtc	780
aataatcggt	ctatcaactg	aaaattcgcc	tccttcaccc	ttttcttcaa	gtggcttttc	840
gaatcttcgt	tcacgaggtg	gtcgccttcc	tggtcttcta	tcaattattt	tcccttcacc	900
ctgaagttgt	tgatcaggtc	ttcttccaac	tcgtgc			936

<210> 162  
 <211> 950  
 <212> DNA  
 <213> Homo sapien

<400> 162

aagcggatgg	acctgagtca	gccgaatcct	agcccccttc	cttgggcctg	ctgtggtgct	60
cgacatcagt	gacagacgga	agcagcagac	catcaaggct	acgggaggcc	cggggcgctt	120
gcgaagatga	agtttggctg	cctctccttc	cggcagcctt	atgctggctt	tgtcttaaat	180
ggaatcaaga	ctgtggagac	gcgctggcgt	cctctgctga	gcagccagcg	gaactgtacc	240
atcgccgtcc	acattgctca	cagggactgg	gaaggcgatg	cctgtcggga	gctgctgggtg	300
gagagactcg	ggatgactcc	tgctcagatt	caggccttgc	tcaggaaagg	ggaaaagtgt	360
ggtcgaggag	tgatagcggg	actcgttgac	attggggaaa	ctttgcaatg	ccccgaagac	420
ttaactcccg	atgaggttgt	ggaactagaa	aatcaagctg	cactgaccaa	cctgaagcag	480
aagtacctga	ctgtgatttc	aaaccccagg	tggttactgg	agcccatacc	taggaaagga	540
ggcaaggatg	tattccagg	agacatccca	gagcacctga	tccttttggg	gcatgaagtg	600
tgacaagtgt	gggctcctga	aaggaatggt	ccrgagaaac	cagctaaatc	atggcacctt	660
caatttgcca	tcgtgacgca	gacctgtata	aattaggtta	aagatgaatt	tccactgctt	720
tggagagtcc	caccactaa	gcactgtgca	tgtaaacagg	ttcctttgct	cagatgaagg	780
aagtaggggg	tggggctttc	cttgtgtgat	gcctccttag	gcacacaggc	aatgtctcaa	840
gtactttgac	cttagggtag	aaggcaaagc	tgccagtaaa	tgtctcagca	ttgctgctaa	900
ttttggctct	gctagtttct	ggattgtaca	aataaatgtg	ttgtagatga		950

<210> 163  
 <211> 475  
 <212> DNA  
 <213> Homo sapien

<220>



<400> 163

<210> 164

<212> DNA

<400> 164

<210> 165

<212> DNA

$\langle 220 \rangle$

<222> (1) ... (256)

<400> 165

<210> 166

<212> DNA

<213> Homo sapien

&lt;400&gt; 166

```

agcgtggtcg cggccgaggt caagaacccc gccgcacct gccgtgacct caagatgtgc      60
cactctgact ggaagagtgg agagtactgg attgacccca accaaggctg caacctggat      120
gccatcaaag tcttctgcaa catggagact ggtgagacct gccgtgtaccc cactcagccc      180
agtgtggccc agaagaactg gtacatcagc aagaacccca aggacaagag gcatgtctgg      240
ttcggcgaga gcatgaccga tggattccag ttcgagtatg gcggccaggg ctccgacct      300
gccgatgtgg acctgcccg gcggccgctc ga                                     332

```

&lt;210&gt; 167

&lt;211&gt; 332

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (332)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 167

```

tcgagcggtc gcccgggcag gtccacatcg gcaggggtcgg agccctggcc gccatactcg      60
aactggaatc catcggnat gctctcgccg aaccagacat gcctcttgnc cttgggggttc      120
ttgctgatgt accagntctt ctggggccaca ctgggctgag tgggggtacac gcaggtctca      180
ccantctcca tggtgcanaa gactttgatg gcatccaggt tgcagccttg gttgggggtca      240
atccagtact ctccactctt ccagacagag tggcacatct tgagggtcacg gcaggtgcgg      300
gcgggggttct tgacctcggt cgcgaccacg ct                                     332

```

&lt;210&gt; 168

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Homo sapien.

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (276)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 168

```

tcgagcggcc gcccgggcag gtctctctca gagcggtagc tggtcttatt gccccggcag      60
cctccataga tnaagttatt gcangagttc ctctccacgt caaagtacca gcgtgggaag      120
gatgcacggc aaggccaggt gactgcgttg gcggtgcagt attcttcata gttgaacata      180
tcgctggagt ggacttcaga atctgcctt ctgggagcac ttgggacaga ggaatccgct      240
gcattctgc tggtggacct cggccgcgac cacgct                                     276

```

&lt;210&gt; 169

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 169

```

agcgtggtcg cggccgaggt ccaccagcag gaatgcagcg gattcctctg tcccaagtgc      60
tcccagaagg caggattctg aagaccactc cagcgatatg ttcaactatg aagaatactg      120

```

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```
<210> 170
<211> 332
<212> DNA
<213> Homo sapien
```

<400>	170						
gggcc	gcccgggag	gtccacatcg	gcagggtcgg	agccctggcc	gccatactcg		60
gaatc	catcggtcat	gctctcgccg	aaccagacat	gcctcttgtc	cttgggggttc		120
gatgt	accagttctt	ctggggccaca	ctgggctgag	tggggtagac	gcagggtctca		180
ctcca	tgttgagaa	gactttgatg	gcattccagg	tgcagccttg	gttgggggtca		240
gtact	ctccactctt	ccagccagaa	tggcacatct	tgaggtcacg	gcangtgcg		300
gttct	tgacctcgcc	cgcgaccacg	ct				332

<400>	171						
gtcg	cgcccgaggt	caagaaaccc	cgcccgaccc	tgcgtgacc	tcaagatgtg		60
ttggc	tggaagagt	gagagtactg	gattgacccc	aaccaagggt	gcaacctgga		120
caaa	gtcttctgca	acatggagac	tggtgagacc	tgcgtgtacc	ccactcagcc		180
ggcc	cagaagaact	ggtacatcag	caagaacccc	aaggacaaga	ggcatgtctg		240
cgag	agcatgaccg	atggattcca	gttcgagtat	ggcggccagg	gctccgaccc		300
atgtg	gacctgcccc	ggcggccgct	cga				333

```
<210> 172
<211> 527
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(527)  
<223> n = A,T,C or G
```

<400> 172						
agcgtggtcg	cggccgaggt	cctgtcagag	tggcactggt	agaagntcca	ggaaccctga	60
actgtaaggg	ttcttcatca	gtgccaacag	gatgacatga	aatgatgtac	tcagaagtgt	120
cctgnaatgg	ggcccatgan	atggttgntc	gagagagagc	ttcttgtcct	acattcggcg	180
ggtatggtct	tggcctatgc	cttatggggg	tggccgttgn	gggcggtgng	gtccgcctaa	240
aaccatgttc	ctcaaagatc	atttqtqgcc	caacactqqg	ttqctqacca	naagtqccag	300

```
<210> 173
<211> 635
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G
```

```
<210> 174
<211> 572
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1) ... (572)
<223> n = A,T,C or G
```

<210> 175

<400> 177						
agcgtggccg	cggccgaggt	ccattggctg	gaacggcatc	aacttggaag	ccagtgatcg	60
tctcagcctt	ggttctccag	ctaattggtga	tggnggtctc	agtagcatct	gtcacacgag	120
cccttctttg	tgggctgaca	ttctccagag	tggtgacaac	accctgagct	ggtctgcttg	180

```
<210> 178
<211> 529
<212> DNA
<213> Homo sapien
```

```
<210> 179
<211> 454
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G
```

```
<210> 180
<211> 454.
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1) ... (454)
<223> n = A,T,C or G
```

<400> 180  
tcgagcgggcc gcccgggcag gtctgccag ccccatagg cgagtttgag aaggngtgca 60



gctggtcttt caagtgcctc cactatgatg ttgtaggtgg cacctctggt gaggacctcg 360  
gcccgcacca cgct 374

<210> 184  
<211> 375  
<212> DNA  
<213> Homo sapien  
  
<220>  
<221> misc\_feature  
<222> (1)...(375)  
<223> n = A,T,C or G

<400> 184  
agcgtggttt gggcgagagg tctcaccan aggtgccacc tacaacatca tagtggaggc 60  
actgaaagac cagcagaggc ataaggttcg ggaagaggtt gttaccgtgg gcaactctgt 120  
caacgaaggc ttgaaccaac ctacggatga ctggtgcttt gaccctaca cagnttccca 180  
ttatgccgtt ggagatgagt gggaacgaat gtctgaatca ggctttaaac tgttgtgcca 240  
gtgcttange tttggaagtg gtcatttcag atgtgattca tctanatggt gtcattgacaa 300  
tggtgngaac tacaagattg gagagaagtg gnaccgtcag ggganaaaat ggacctgccc 360  
gggcggcncg ctgca 375

<210> 185  
<211> 148  
<212> DNA  
<213> Homo sapien  
  
<220>  
<221> misc\_feature  
<222> (1)...(148)  
<223> n = A,T,C or G

<400> 185  
agcgtggtcg cggccgaggt ctggcttncf gctcangtga ttatcctgaa ccatccaggc 60  
caaataagcg cggctatgc cctgnattg gattgccaca cggctcacat tgcattgcaag 120  
tttctgagc tgaaggaaaa gattgatc 148

<210> 186  
<211> 397  
<212> DNA  
<213> Homo sapien  
  
<220>  
<221> misc\_feature  
<222> (1)...(397)  
<223> n = A,T,C or G

<400> 186  
tcgagcggcc gcccgggcag gtccaattga aacaaacagt tctgagaccg ttcttccacc 60  
actgattaag agtggggngg cgggtattag ggataatatt catttagcct tctgagcttt 120  
ctgggcagac ttggtgacct tgccagctcc agcagccttc tggctcactg ctttcatgac 180

00636801.001000



accacccgca	actgtctgtc	tcatatcacg	aacagcaaag	cgacccaaag	gtggatagtc	240
tgagaagctc	tcaacacaca	tgggcttgcc	aggaaccata	tcaacaatgg	gcagcatcac	300
cagacttcaa	gaatttaagg	gccatcttcc	agctttttac	cagaacggcg	atcaatcttt	360
tccttcagct	cagcaaactt	gcatgcaatg	tgagccg			397

&lt;210&gt; 187

&lt;211&gt; 584

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(584)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 187

tcgagcggcc	gcccgggcag	gtccagaggg	ctgtgctgaa	gtttgctgct	gccactggag	60
ccactccaat	tgctggcgcc	ttactctctg	gaaccttcac	taaccagatc	caggcagcct	120
tccgggagcc	acggcttctt	gtggntactg	accccgaggc	tgaccaccag	cctctcacgg	180
aggcatctta	tgtaaacctt	cctaccattg	cgctgtgtaa	cacagattct	cctctgcgct	240
atgtggacat	tgccatccca	tgcaacaaca	agggagctca	ctcagngggg	tttgatgtgg	300
tggtatgctg	ctcggaagt	tctgcgcatt	cgtggcacca	tttcccgtga	acacccatgg	360
gangncatgc	ctgatctgga	cttctacaga	gacctgaag	agattgaaaa	agaagaacag	420
gctgnttgct	ganaaagcaa	gtgaccaagg	angaaatttc	anggggtgaaa	nggactgctc	480
ccgctctctg	attcactgct	actcaacctg	angntgcaga	ctgggtcttga	aggngnacan	540
gggccctctg	ggcctattta	agcancttcg	gtcgcgaaca	cgnt		584

&lt;210&gt; 188

&lt;211&gt; 579

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(579)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 188

agcgtgngtc	gcggccgagg	tgctgaatag	gcacagaggg	cacctgtaca	ccttcagacc	60
agtctgcaac	ctcaggctga	gtagcagtga	actcaggagc	gggagcagtc	cattcaccct	120
gaaattcttc	cttggncaact	gccttctcag	cagcagcctg	ctcttctttt	tcaatctctt	180
caggatctct	gtagaagtac	agatcaggca	tgacctccca	tgggtgttca	cgggaaatgg	240
tgccacgcat	gcgcagaact	tcccagagcca	gcatccacca	catcaaacc	actgagttag	300
ctcccttggt	gttgcatggg	atgggcaatg	tccacatagc	gcagaggaga	atctgtgtta	360
cacagcgcaa	tggtaggtag	gttaacataa	gatgcctccg	cgagaagctg	gtggtcagcc	420
ctgggggtcaa	gtaaccacaa	gaagccgtgg	ctcccgggaag	gctgcctgga	tctgggttagt	480
gaaggntcca	ggagtgaagc	ggccaacaat	tggagtggct	tcagtggcaa	gcagcaaact	540
tcagcacaag	ccctctggac	ctgcccggcg	gccgctcga			579

&lt;210&gt; 189

&lt;211&gt; 374

<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(374)  
<223> n = A,T,C or G

<400> 189  
tcgagcggcc gcccgggcag gtccattttc tccctgacgg ncccacttct ctccaatctt 60  
gtagttcaca ccattgtcat ggcaccatct agatgaatca catctgaaat gaccacttcc 120  
aaagcctaag cactggcaca acagttttaa gcttgattca gacattcggt cccactcatc 180  
tccaacggca taatgggaaa ctgtgtaggg gtcaaagcac gagtcacccg taggttggtt 240  
caagccttcg ttgacagagt tgcccacggt aacaacctcn tccccgaacc ttatgcctct 300  
gctgggcttt cagngcctcc actatgatgn tgtagggggg cacctctggn gangacctcg 360  
gccgcgacca cgct 374

<210> 190  
<211> 373  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(373)  
<223> n = A,T,C or G

<400> 190  
agcgtgggtcg cggccgaggt cctcaccaga ggtgccacct acaacatcat agtggaggca 60  
ctgaaagacc agcagaggca taaggctcgg gaagagggtt ttaccgtggg caactctgtc 120  
aacgaaggct tgaaccaacc tacggatgac tcgtgctttg acccctacac agtttcccat 180  
tatgccgttg gagatgagtg ggaacgaatg tctyaatcag gctttaaact gttgtgccag 240  
tgcttanget ttggaagtgg gtcatttcag atgtgattca tctagatggt gccatgacaa 300  
tggngngaac tacaagattg gagagaagtg gnaccgncag ggagaaaatg gacctgcccg 360  
ggcggccgct cga 373

<210> 191  
<211> 354  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(354)  
<223> n = A,T,C or G

<400> 191  
agcgtgggtcg cggccgaggt ccacatcggc agggctcggag ccctggccgc catactcgaa 60  
ctggaatcca tcggtcatgc tctcgccgaa ccagacatgc ctcttgctct tggggttctt 120  
gctgatgtac cagttcttct gggccacact gggctgagtg gggtagacgc aggtctcacc 180  
agtctccatg ttgcagaaga ctttgatggc atccaggntg caaccttggt tggggtaaat 240

00636801.031000

ccagtactct ccactcttcc agccagagtg gcacatcttg aggtcacggc aggtgcggnc 300  
 gggggntttt ggggctgcc tctggnettc ggntgtntct natctgctgg ctca 354

<210> 192  
 <211> 587  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(587)  
 <223> n = A,T,C or G

<400> 192  
 tcgagcggcc gcccgggcag gtctcgcggt cgcactgggt atgctgggtc tgttgggtccc 60  
 cccggccctc ctggacctcc tggccccctt ggctctccca gcgctgggtt cgacttcagc 120  
 ttctgcccc agccacctca agagaaggct cagcatgggt gccgtacta ccgggctgat 180  
 gatgccaatg tggttcgtya ccgtgacctc gaggtggaca ccacctcaa gagcctgagc 240  
 cagcagatcg agaacatccg gagcccagag ggcagncgca agaaccctgc ccgcacctgc 300  
 cgtgacctca agatgtgcca ctctgactgg aagagtggag agtactggat tgaccccaac 360  
 caagctgcaa cctggatgcc atcaaagtct tctgcaacat ggagactggg gagacctgcg 420  
 tgtacccac tcagcccagt gtggcccaaa agaactggta catcagcaag aaccccaagg 480  
 acaagaagca tgtctgggtc ggcgagaaca tgaccgatgg attccagttc gagtatggcg 540  
 ggcagggctc cgacctgcc gatggggacc ttggccgcga acacgct 587

<210> 193  
 <211> 98  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(98)  
 <223> n = A,T,C or G

<400> 193  
 agcgtggng cgcccgaggt ataaatatcc agnccatata ctccctccac acgctganag 60  
 atgaagctgt ncaaagatct cagggtggan aaaacct 98

<210> 194  
 <211> 240  
 <212> DNA  
 <213> Homo sapien

<400> 194  
 tcgagcggcc gcccgggcag gtctctcaga cttggactgt gtcacactgc caggcttcca 60  
 gggctccaac ttgcagacgg cctgttgtgg gacagtctct gtaatcgga aagcaacct 120  
 ggaagacctg ggggaaaaca ccatggtttt atccacctg agatctttga acaacttcat 180  
 ctctcagcgt gcggaggag gctctggact ggatatttct acctcggccg cgaccacgct 240

<210> 195

agcgtggncg cggccgaggt gcagcgcggg ctgtgccacc ttctgctctc tgcccaacga 60

```
<210> 198
<211> 403
<212> DNA
<213> Homo sapien
```

<400> 198

```
<210> 199
<211> 167
<212> DNA
<213> Homo sapien
```

<400> 199

```
<210> 200
<211> 252
<212> DNA
<213> Homo sapien
```

<400> 200

tcgagcgggtt	cgcccgggca	ggtccaccac	acccaattcc	ttgtctggtat	catggcagcc	60
gccacgtgcc	aggattaccg	gctacatcat	caagtatgag	aagcctgggt	ctcctcccag	120
agaagcggtc	cctcggtccc	gccctggtgt	cacagaggct	actattactg	gcctggaacc	180
gggaaccgaa	tatacaattt	atgtcattgn	cctgaagaat	aatcannaan	agcgancccc	240

tgattggaag ga

252

<210> 201  
 <211> 91  
 <212> DNA  
 <213> Homo sapien

<400> 201  
 agcgtggtcg cggccgaggt tgtacaagct tttttttttt tttttttttt tttttttttt 60  
 tttttttttt tttttttttt tttttttttt t 91

<210> 202  
 <211> 368  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(368)  
 <223> n = A,T,C or G

<400> 202  
 tcgagcggnc gcccgggcag gtctgccaac accaagattg gccccgcgcg catccacaca 60  
 gtccgtgtgc ggggaggtta caagaaatac cgtgccttga gggtggacgt ggggaatttc 120  
 tcttggggct cagagtgttg tactcgtaaa acaaggatca tcgatgttgt ctacaatgca 180  
 tctaataacg agctggttcg taccaagacc ctggtgaaga attgcatcgt gctcatcgac 240  
 agcacaccgt accgacagt gtacgagtc cactatgcgc tgcccttggg ccgcaagaag 300  
 ggagccaagc tgactcctga ggaagaagag attttaaaca aaaaacgatc taanaaaaaa 360  
 aaaacaat 368

<210> 203  
 <211> 340  
 <212> DNA  
 <213> Homo sapien

<400> 203  
 agcgtggtcg cggccgaggt gaaatggtat tcagcttctt ggcacttctg gtcagcaacc 60  
 cagtgttggg caacaaatga tctttgagga acatggtttt aggcggacca caccgcccac 120  
 aacggccacc ccataaggc ataggccaag accatacccg ccgaatgtag gacaagaagc 180  
 tctctctcag acaaccatct catgggcccc attccaggac acttctgagt acatcatttc 240  
 atgtcatcct gttggcactg atgaagaacc cttacagttc agggtttctg gaacttctac 300  
 cagtgccact ctgacaggac ctgcccgggc ggccgctcga 340

<210> 204  
 <211> 341  
 <212> DNA  
 <213> Homo sapien

<400> 204  
 tcgagcggcc gcccgggcag gtctgtcag agtggcactg gtagaagttc caggaaccct 60  
 gaactgtaag gggttctcat cagtgccaac aggatgacat gaaatgatgt actcagaagt 120

000T00" T089E960

```
<210> 205
<211> 770
<212> DNA
<213> Homo sapien
```

<400> 205

```
<210> 206
<211> 810
<212> DNA
<213> Homo sapien
```

<400> 206

agcgtggtcg	cggccgaggt	ctgctgcttc	agcgaaggggt	ttctggcata	accaatgata	60
aggctgccaa	agactgttcc	aataccagca	ccagaaccag	ccactcctac	tgttgagca	120
cctgcaccaa	taaatttggc	agcagtatca	atgtctctgc	tgattgcact	ggctctgaaac	180
tcccttttga	ttagctgaga	cacaccattc	tgggcctga	ttttcctaag	atagaactcc	240
aactctttgc	cctctagcac	atagccatct	gctcggtcac	actgtcccg	ccttgaagcg	300
atgcacgcaa	gaagcttgcc	ctgctggaac	tgctcctcca	ggagactgct	gatttttggca	360
ttctttttcc	tttcatcata	tttcttctga	atttttttag	atcgtttttt	gtttaaaatc	420
tcttcttcc	caggagtcag	cttggcccc	gccgcattcca	cacagtccgt	gtgcggggag	480
gtaacaagaa	ataccgtgcc	ctgaggttgg	acgtggggaa	tttctcctgg	ggctcagagt	540
ggtgtactcg	taaaacaagg	atcatcgatg	gtgntacaa	tgcattctaat	aacgagctgg	600

```

gtcggaccca aagaacctgg ngaanaaatg gatcgnctca tcgacaggac accgtaccgc 660
acaggggnac gantcccaact atgcgcttgc cctggggccg caanaaagga aaactgcccg 720
ggcgccntc gaaagcccaa ttntggaaaa aatccatcac actgggnggc cngtcgagca 780
tgcantana ggggccatt cccctnann 810

```

```

<210> 207
<211> 257
<212> DNA
<213> Homo sapien

```

```

<400> 207
tcgagcggcc gccggggcag gtccccaacc aaggctgcaa cctggatgcc atcaaagtct 60
tctgcaacat ggagactggg gagacctgcg tgtacccac tcagcccagt gtggccaga 120
agaactggta catcagcaag aaccccaagg acaagaggca tgtctgggtc ggcgagagca 180
tgaccgatgg attccagttc gagtatggcg gccagggtc cgaccctgcc gatgtggacc 240
tcggccgcga ccacgct 257

```

```

<210> 208
<211> 257
<212> DNA
<213> Homo sapien

```

```

<400> 208
agcgtgggtcg cggccgaggt ccacatcggc agggctcggag ccctggccgc catactcgaa 60
ctggaatcca tcggtcatgc tctcgccgaa ccagacatgc ctcttgctct tggggttctt 120
gctgatgtac cagttcttct gggccacact gggctgagtg gggtagacgc aggtctcacc 180
agtctccatg ttgcagaaga ctttgatggc atccagggtg cagccttggt tggggacctg 240
cccggggcgc cgctcga 257

```

```

<210> 209
<211> 747
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 209
tcgagcggcc gccggggcag gtccaccaca cccaattcct tgctgggtatc atggcagccg 60
ccacgtgccg ggattaccgg ctacatcatc aagtatgaga agcctgggtc tctcccaga 120
gaagtgggtc ctcggccccc cctgggtgta acagaggcta ctattactgg cctggaaccg 180
ggaaccgaat atacaattta tgtcattgcc ctgaagaata atcagaagag cgagcccctg 240
attggaagga aaaagacaga cgagcttccc caactggtaa cccttcaca cccaattctt 300
catggaccag agatcttgga tgttccttcc acagttcaaa agaccctttt cgtcaccac 360
cctgggtatg aactggaaa tggatttcag ctctctggca cttctgggtc gcaaccagt 420
gttgggcaac aaatgatctt tgaggaacat ggntttaggc ggaccacacc gccacaacg 480
gccaccccca taaggcatag gcccaagacca taccgcccga atgtaggaca agaagctntn 540
tntcanacac catntnatgg gcccattcc aggacattc tgagtacatc atttatgnca 600
tctgtggcac ttgatgaaaa cccttacagt tcagggttct ggaactttta ccaggcctnt 660

```



tacaggactn ggccggacnc cttaagccna ttncaccctg gggcggtteta nggtcccact 720  
cgnncaactgg ngaaaatggc tactgtg 747

<210> 210  
<211> 872  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(872)  
<223> n = A,T,C or G

<400> 210  
agcgtgggtcg cgcccgaggt ccactagagg tctgtgtgccc attgcccagg cagagtctct 60  
gcgttacaaa ctctaggag ggcttgctgt gccgagggcc tgctatggtg tgctgcggtt 120  
catcatggag agtggggcca aaggtgcga ggttgtggtg tctgngaaac tccnaggaca 180  
ngagggttaa attccatgaa gtttgtggat ggctgatga tccacaatcg gagaccctgt 240  
taactactac cgtctnaccn cctgctgtnc nccccnttt ctgctnaana catngggntn 300  
ntncttgnc nctctgggt ngaanatnna atngcctncc cnttentanc nctactngnt 360  
ccananttgg cctttaaana atcnccttg ccttnnnac tgttcanntn tttntctgta 420  
aacctatna nttnnattan atnntnnnn nctaccccc ctctcattn anccnatang 480  
ctnnnaantc cttannnct cccnccnnt ncnctentac tnantncttc tncccatta 540  
cnnagctctt tcntttaana taatgnngcc nngctctnca tntctacnat ntgnnnaatn 600  
ccccncccc cnancgnntt tttgacctnn naacctcctt tctcttccc tncnnaaatt 660  
ncnnanttec ncnttcenne ntttcggntn ntcccatnct tccannnct tcantctanc 720  
ncnctncaac ttattttcct ntcatccctt nttctttaca nccccctnn tctactcnnc 780  
nnttncatta natttgaaac tncacnnt antnctctn ctctacnntt ttattttncg 840  
ntcnctctac ntaatatntt aatnantnt cn 872

<210> 211  
<211> 517  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(517)  
<223> n = A,T,C or G

<400> 211  
tcgagcggcc gcccgggcag gtctgccaa gagaccctgt tatgctgtgg ggactggctg 60  
gggcatggca ggcggctctg gcttcccacc cttctgttct gagatggggg tgggtgggcag 120  
tatctcatct ttgggttcca caatgctcac gtggtcaggc aggggcttct tagggccaat 180  
cttaccagtt ggggtcccagg gcagcatgat cttcaccttg atgccagca caccctgtct 240  
gagcaacacg tggcgcacaa gcagtgtcaa cgtagtaagt taacagggtc tccgctgtgg 300  
atcatcaggc catccacaaa cttcatggat ttagecctct gtctcggag tttcccagac 360  
accacaacct cgcagccttt ggccccactc tccatgatga accgcagcac accatagcag 420  
gccctccgca caagcaagcc ctctaagaa tttgtaacgc ananactctg ctggcaatgg 480  
cacacaaacc tctagtggac ctcggnccgc accacgc 517

09636801-081000

<210> 212  
 <211> 695  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(695)  
 <223> n = A,T,C or G

<400> 212

tcgagcggcc	gcccgggcag	gtctgggtcca	ggatagcctg	cgagtcctcc	tactgctact	60
ccagacttga	catcatatga	atcatactgg	ggagaatagt	tctgaggacc	agtagggcat	120
gattcacaga	ttccaggggg	gccaggagaa	ccaggggacc	ctgggtgtcc	tggaatacca	180
gggtcaccat	ttctcccagg	aataccagga	gggcctggat	ctcccttggg	gccttgaggt	240
ccttgaccat	taggagggcg	agtaggagca	gttggaggct	gtgggcaaac	tgcaacaacat	300
tctccaaatg	gaatttcttg	gttggggcag	tctaattctt	gatccgtcac	atattatgtc	360
atcgagaga	acggatcctg	agtcacagac	acataatttg	catggttctg	gcttccagac	420
atctctatcc	gncataggac	tgaccaagat	gggaacatcc	tccttcaaca	agcttinctgt	480
tgtgccaaaa	ataatagtgg	gatgaagcag	accgagaagt	anccagctcc	cctttttgca	540
caaagcntca	tcatgtctaa	atatcagaca	tgagacttct	ttgggcaaaa	aaggagaaaa	600
agaaaaagca	gttcaaagta	nccnccatca	agttggttcc	ttgcccnttc	agcaccgagg	660
ccccgttata	aaacacctng	ggccgggacc	ccctt			695

<210> 213  
 <211> 804  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 213

agcgtgggtcg	cggccgaggt	gttttatgac	gggcccgggtg	ctgaagggca	gggaacaact	60
tgatgggtgct	actttgaact	gcttttcttt	tctccttttt	gcacaaagag	tctcatgtct	120
gatattttaga	catgatgagc	tttgtgcaaa	aggggagctg	gctacttctc	gctctgcttc	180
atcccactat	tattttggca	caacaggaag	ctgttgagg	aggatgttcc	catcttggtc	240
agtcctatgc	ggatagagat	gtctggaagc	cagaaccatg	ccaaatatgt	gtctgtgact	300
caggatccgt	tctctgcgat	gacataatat	gtgacgatca	agaattagac	tgccccaacc	360
cagaaattcc	atttgagaa	tggtgtgcag	tttgcccaca	gcctccaact	gctcctactc	420
gccctcctaa	tggtcaagga	cctcaaggcc	ccaagggaga	tccaggccct	cctggtatcc	480
ctgggagaaa	tggtgaccct	ggtattccag	gacaaccagg	gtccccctgg	tctcctggcc	540
cccttggaat	cngngaatc	atgccctact	ggtcctcaaa	ctattctccc	anatgattca	600
tatgatgtca	agtctgggat	agcnagtang	ganggactcg	caggctatcc	tggaaccanac	660
ctgccggggg	ggcggttcgaa	agcccgaatc	tgcananntn	cnttcacact	ggcgggcgctc	720
gagctgcttt	aaaagggcca	ttccnccctt	agnngggggg	antacaatta	ctnggcggcg	780
ttttanancg	cgngnctggg	aaat				804

<210> 214

<211> 594  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (594)  
 <223> n = A,T,C or G

<400> 214

agcgtgggtcg	eggccgaggt	ccacatcggc	agggctcggag	ccctggccgc	catactcgaa	60
ctggaatcca	tcggatcatgc	tctcgccgaa	ccagacatgc	ctcttgctct	tggggttctt	120
gctgatgtac	cagttcttct	gggccacact	gggctgagtg	gggtacacgc	aggtctcacc	180
agtctccatg	ttgcagaaga	ctttgatggc	atccaggttg	cagccttggt	tgggggtcaat	240
ccagtactct	ccactcttcc	agtcagagtg	gcacatcttg	aggtcacggc	aggtgcgggc	300
ggggttcttg	eggctgcctt	ctgggctccg	gatgttctcg	atctgctggc	tcaggctctt	360
gaggggtggg	tccacctega	ggtcacggtc	acgaaccaca	ttggcatcat	cagcccggtg	420
gtagcggcca	ccatcgtag	ccttctcttg	angtggctgg	ggcaggaact	gaagtcgaaa	480
ccagcgtctg	gaggaccagg	gggaccaana	gggtccaggaa	gggcccgggg	gggaccaaca	540
ggaccagcat	caccaagtgc	gacccgcgag	aacctgcccg	gccgnccgct	cgaa	594

<210> 215  
 <211> 590  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (590)  
 <223> n = A,T,C or G

<400> 215

tcgagcgnnc	gcccgggag	gtctcgcggt	cgcaactggg	atgctgggtc	tggtgggtccc	60
cccggccctc	ctggacctcc	tggtccccct	ggctctccca	gcgctgggtt	cgacttcagc	120
ttcttgcccc	agccacctca	agagaaggct	cacgatgggt	gccgctacta	ccgggctgat	180
gatgccaatg	tggttcgtga	ccgtgacctc	gaggtggaca	ccacctcaa	gagcctgagc	240
cagcagatcg	agaacatccg	gagcccagag	ggcagccgca	agaaccccg	ccgcacctgc	300
cgtgacctca	agatgtgcca	ctctgactgg	aagagtggag	agtactggat	tgaccccaac	360
caaggctgca	acctggatgc	catcaaagtc	ttctgcaaca	tgagactgg	tgagacctgc	420
gtgtacccca	ctcagcccag	tgtggcccag	aagaactgg	acatcagcaa	gaaccccaag	480
gacaagaggc	atgtctgtgt	cggcgagagc	atgaccgatg	gattccagtt	cgagtatggc	540
ggccagggct	cccacctgc	cgatgtggac	ctccggccgc	gaccacctt		590

<210> 216  
 <211> 801  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (801)

<223> n = A,T,C or G

<400> 216

tngagcggcc	gcccgggcag	gntgnnaacg	ctggctcctgc	tggctcctcct	ggcaaggctg	60
gtgaagatgg	tcacctgga	aaacccggac	gacctggtga	gagaggagtt	gttggaccac	120
aggggtgctcg	tggtttccct	ggaactcctg	gacttcctgg	cttcaaaggc	attaggggac	180
acaatggtct	ggatggattg	aagggacagc	ccggtgctcc	tgggtggaag	ggtgaacctg	240
gtgcccctgg	tgaaaatgga	actccaggtc	aaacaggagc	ccgtgggctt	cctggtgaga	300
gaggaccgtg	ttggtgcccc	tggcccanac	ctcggcgcgc	accacgctaa	gcccgaattt	360
ccagcacact	ggnggcggtt	actantggat	ccgagctcgc	taccaagctt	ggcgtaatca	420
tggtcatagc	tgtttcctgn	gtgaaattgt	tatccgctca	caatttcaca	cancatacga	480
agccggaaaag	cataaagtgt	aaagccttgg	ggtgctaata	agtgaagctaa	ctcncattaa	540
attgcgttgc	gctcactgcc	cgtttttcca	nnngggaaaac	cntggcntng	cngcttgcg	600
ttaantgaaa	tccgcenacc	ccgggggaaa	agncgggttg	cngtattggg	gcnccttttc	660
cctttcctcg	gnttacttga	nttantgggc	tttggncgnt	tccgggttng	gcgancnggt	720
tcaacntcac	nccaaaggng	gnaanacggt	tttccanaa	tccgggggnt	ancccaangn	780
aaaacatnng	ncnaangggc	t				801

<210> 217

<211> 349

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 217

agcgtgggttn	gcgggccgagg	tctggggccag	gggcaccaac	acgtcctctc	tcaccaggaa	60
gcccacgggc	tcctgtttga	cctggagttc	catttttcacc	aggggcacca	ggttcaccct	120
tcacaccagg	agcaccgggc	tgtcccttca	atccatncag	accattgtgn	cccctaagtc	180
ctttgaagcc	aggaagtcca	ggagttccag	ggaaaccacc	gagcacctcg	tgggtccaaca	240
actcctctct	caccaggctg	tccgggtttt	ccagtggtgac	catcttcacc	agccttgcca	300
ggaggaccag	caggaccagc	gttaccaacc	tgcccgggcg	gcccgtcga		349

<210> 218

<211> 372

<212> DNA

<213> Homo sapien

<400> 218

tcgagcggcc	gcccgggcag	gtccattttc	tccttgacgg	tcccacttct	ctccaatctt	60
gtagttcaca	ccattgtcat	ggcaccatct	agatgaatca	catctgaaat	gaccacttcc	120
aaagcctaag	cactggcaca	acagtttaaa	gcctgattca	gacattcggt	cccactcatc	180
tccaacggca	taatgggaaa	ctgtgtaggg	gtcaaagcac	gagtcatccg	taggttggtt	240
caagccttcg	ttgacagagt	tgccacgggt	aacaacctct	tcccgaacct	tatgcctctg	300
ctgggtctttc	agtgcctcca	ctatgatgtt	gtaggtggca	cctctggtga	ggacctcggc	360
cgcgaccacg	ct					372

<210> 219

09636801 "081000

<211> 374  
 <212> DNA  
 <213> Homo sapien

<400> 219  
 agcgtggtcg cggccgaggt cctcaccaga ggtgccacct acaacatcat agtggaggca 60  
 ctgaaagacc agcagaggca taaggttcgg gaagaggttg ttaccgtggg caactctgtc 120  
 aacgaaggct tgaaccaacc tacggatgac tcgtgctttg accctacac agtttcccat 180  
 tatgccgttg gagatgagtg ggaacgaatg tctgaatcag gctttaaact gttgtgccag 240  
 tgcttaggct ttggaagtgg tcatttcaag atgtgattca tctagatggg gccatgacaa 300  
 tgggtgtaac tacaagattg gagagaagtg ggaccgtcag ggagaaaatg gacctgcccg 360  
 ggccggccgc tcga 374

<210> 220  
 <211> 828  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (828)  
 <223> n = A,T,C or G

<400> 220  
 tcgagcgnnc gcccgggcag gtccagtagt gccttcggga ctgggttcac cccaggtct 60  
 gggcagttg tcacagcgcc agccccgtg gcctccaaag catgtgcagg agcaaatggc 120  
 accgagatat tccttctgcc actgttctcc tacgtggtat gtcttcccat catcgtaaca 180  
 cgttgcctca tgagggtcac acttgaattc tccttttccg tcccaagac atgtgcagct 240  
 catttggtg gctctatagt ttggggaaaag tttgttgaaa ctgtgccact gacctttact 300  
 tcctccttct ctactggagc tttcgtacct tccacttctg ctgttggtta aatgggtgat 360  
 cttctatcaa tttcattgac agtaccact tctcccaaac atccaggga atagtgattt 420  
 cagagcgatt aggagaacca aattatgggg cagaaataag gggcttttcc acaggttttc 480  
 ctttgaggga agatttcagt ggtgacttta aaagaatact caacagtgtc ttcacccca 540  
 tagcaaaaga agaaacngta aatgatggaa ngcttctgga gatgccnca ttttaaggac 600  
 ncccagaact tcaccatcta caggacctac ttcagtttac annaagnac atantctgac 660  
 tcanaaagga cccaagtagc nccatggnca gcacttttag cctttccctt ggggaaaann 720  
 ttacnttctt aaancctngg ccnngacccc cttaagncca aattntggaa aanttcctn 780  
 cnctggggg gcngttcnac atgcntttna agggcccaat tncctt 828

<210> 221  
 <211> 476  
 <212> DNA  
 <213> Homo sapien

<400> 221  
 tcgagcggcc gcccgggcag gtgtcggagt ccagcacggg aggcgtggtc ttgtagttgt 60  
 tctccggctg cccattgtc tccactcca cggcgatgtc gctgggatag aagcctttga 120  
 ccaggcaggt caggctgacc tggttcttgg tcatctctc ccgggatggg ggcagggtgt 180  
 acacctgtgg ttctcggggc tgcccttttg ctttgagat ggttttctcg atgggggtg 240  
 ggagggcttt gttggagacc ttgcacttgt actccttgcc attcagccag tctggtgca 300  
 ggacgggtgag gacgctgacc acacggtacg tgctgttgta ctgctcctcc cgcggctttg 360



<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 225

agcgtggtcg	cggccgaggt	cctgtcagag	tggcactggt	agaagttcca	ggaaccctga	60
actgtaaggg	ttcttcatca	gtgccaacag	gatgacatga	aatgatgtac	tcagaagtgt	120
cctggaatgg	ggcccatgag	atggttgtct	gagagagagc	ttcttgtcct	acattcggcg	180
ggtatggtct	tggcctatgc	cttatggggg	tggccgttgt	gggcggtgtg	gtccgcctaa	240
aaccatgttc	ctcaaagatc	atgtgttgcc	caacactggg	ttgctgacca	gaagtgccag	300
gaagctgaat	accattttcca	gtgtcatacc	caggggtggg	gacgaaaggg	gtcttttgaa	360
ctgtggaagg	aacatccaag	atctctggtc	catgaagatt	ggggtgtgga	agggttacca	420
gttggggaag	ctcgtctgtc	tttttccttc	caatcagggg	ctcgtctctc	tgattattct	480
tcagggaat	gacataaatt	gtatatccgg	tcccggttcc	aggccagtaa	tagtagcctc	540
tgtgacacca	gggcggggcc	gagggaccct	tctnttgaa	gagaccagct	tctcatactt	600
gatgatgagn	cgggtaatcc	tggcacgtgg	nggttgcatt	atnccaccaa	ggaaatnggn	660
gggggnggac	ctgcccggcg	gccgttcnaa	agcccaattc	cacacacttg	gnggccgtac	720
tatggatccc	actcngtcca	acttgngnga	atatggcata	actttt		766

<210> 226  
 <211> 364  
 <212> DNA  
 <213> Homo sapien

<400> 226

tcgagcggcc	gcccgggcag	gtccttgacc	ttttcagcaa	gtgggaaggt	gtaatccgtc	60
tccacagaca	aggccaggac	tcgtttgtac	ccgttgatga	tagaatgggg	tactgatgca	120
acagttgggt	agccaatctg	cagacagaca	ctggcaacat	tgccgacacc	ctccaggaag	180
cgagaatgca	gagtttcttc	tgtgatatca	agcacttcag	ggttgtagat	gctgccattg	240
tcgaacacct	gctggatgac	cagcccaaag	gagaaggggg	agatgttgag	catgttcagc	300
agcgtggctt	cgctggctcc	cactttgtct	ccagtcttga	tcagacctcg	gccgcgacca	360
cgct						364

<210> 227  
 <211> 275  
 <212> DNA  
 <213> Homo sapien

<400> 227

agcgtggtcg	cggccgaggt	ctgtcctaca	gtcctcagga	ctctactccc	tcagcagcgt	60
ggtgaccgtg	ccctccagca	acttcggcac	ccagacctac	acctgcaacg	tagatcacaa	120
gcccagcaac	accaaggtgg	acaagagagt	tgagcccaaa	tcttgtgaca	aaactcacac	180
atgccaccg	tgcccgacac	ctgaactcct	ggggggaccg	tcagtcttcc	tcttcccccg	240
catccccctt	ccaaacctgc	ccgggcggcc	gctcg			275

<210> 228  
 <211> 275  
 <212> DNA  
 <213> Homo sapien

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agcgtggtcg	cggccgaggt	ctgggatgct	cctgctgtca	cagtgaata	ttacaggatc	60
acttacggag	aaacaggagg	aaatagccct	gtccaggagt	tcaactgtcc	tgggagcaag	120
tctacagcta	ccatcagcgg	ccctaaacct	ggagttgatt	ataccatcac	tgtgtatgct	180
gtcactggcc	gtggagacag	ccccgcaagc	agcaagccaa	tttccattaa	ttaccgaaca	240
gaaattgaca	aacctccca	gatgcaagt	accgatgttc	aggacaacag	cattagtgtc	300
aagtggctgc	cttcaagttc	ccctgttact	ggttacagag	taaccaccac	tcccaaaaat	360
ggaccaggac	caacaaaaac	taaaactgca	ggtccagatc	aaacagaaat	gactattgaa	420
ggcttgacgc	ccacagtggg	gtatgtggtt	aagtgtctat	gctcagaatc	caagcggaga	480
gaagtcagcc	tctggttcag	actgnaagta	accaacattg	atcgccctaaa	ggactggcat	540
tcaactgatg	ggatgccgat	tccatcaaaa	ttgnttgagg	aaaccacag	gggcaagttt	600
ncangtcnag	gnggacctac	tcgagccctg	aggatggaat	ccttgactnt	tccttnnccct	660
gatggggaaa	aaaaaccttn	aaaaactgaa	ggacctgccc	ggcgccgccc	ncaaaaccca	720

agcgtgggtcg	cggccgaggtt	cctcaccaga	ggtgccacct	acaacatcat	agtggaggca	60
ctgaaagacc	agcagaggca	taaggttcgg	gaagaggttg	ttaccgtggg	caactctgtc	120
aacgaaggct	tgaaccaacc	tacggatgac	tcggtgctttg	accctacac	agtttcccat	180
tatgccgttg	gagatgagt	ggaacgaatg	tctgaatcag	gctttaaact	gttgtgccag	240
tgcttaggct	ttggaagtgg	tcatttcaga	tgtgattcat	ctagatggtg	ccatgacaat	300

ggtgtgaact acaagattgg agagaagtgg gaccgtcagg gagaaaatgg acctgcccgg 360  
gcggccgctc ga 372

<210> 238  
<211> 372  
<212> DNA  
<213> Homo sapien

<400> 238  
tcgagcggcc gcccgggcag gtccattttc tccctgacgg tcccacttct ctccaatctt 60  
gtagttcaca ccattgtcat ggcaccatct agatgaatca catctgaaat gaccacttcc 120  
aaagcctaag cactggcaca acagtttaaa gcctgattca gacattcggt cccactcatc 180  
tccaacggca taatgggaaa ctgtgtaggg gtcaaagcac gagtcacccg taggttggtt 240  
caagccttcg ttgacagagt tgcccacggg aacaacctct tcccgaacct tatgcctctg 300  
ctggctcttc agtgccctca ctatgatgtt gtaggtggca cctctggtga ggacctcggc 360  
cgcgaccacg ct 372

<210> 239  
<211> 720  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1) ... (720)  
<223> n = A,T,C or G

<400> 239  
tcgagcggcc gcccgggcag gtccaccata agtccctgata caaccacgga tgagctgtca 60  
ggagcaagggt tgattttctt cattgggtccg gtcttctcct tgggggtcac ccgcactega 120  
tatccagtga gctgaacatt ggggtggtgtc cactgggcgc tcaggcttgt ggggtgtgacc 180  
tgagtgaact tcaggtcagt tgggtgcagga atagtgggta ctgcagtctg aaccagaggc 240  
tgactctctc cgcttggtatt ctgagcatag acactaacca catactccac tgtgggctgc 300  
aagccttcaa tagtcatttc tgtttgatct ggacctgcag ttttagtttt tgttggctct 360  
gggtccatttt tgggagtggg gggtactctg taaccagtaa caggggaact tgaaggcagc 420  
cacttgacac taatgctgtt gtccctgaaca tcggtcactt gcactctggga tggtttgnc 480  
atttctgttc ggtaattaat ggaaattggc ttgctgcttg cggggctgtc tccacggcca 540  
gtgacagcat acacagngat ggnatnatca actccaagtt taaggccctg atggtaactt 600  
taaacttgct ccagccagn gaacttccgg acagggtatt tcttctgggt ttccgaaagn 660  
gancctggaa tnntctcctt ggancagaag gancntccaa aacttggggc ggaaccctt 720

<210> 240  
<211> 691  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1) ... (691)  
<223> n = A,T,C or G

&lt;400&gt; 240

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agcgtggtcg cgcccgaggt cctgtcagag tggcactggt agaagtcca ggaaccctga      60
actgtaaggg ttcttcatca gtgccaacag gatgacatga aatgatgtac tcagaagtgt      120
cctggaatgg ggcccatgag atggttgtct gagagagagc ttcttgtcct acattcggcg      180
ggtatggtct tggcctatgc cttatggggg tggccgttgt gggcggtgtg gtccgcctaa      240
aaccatgttc ctcaaagatc atttgttgcc caacactggg ttgctgacca gaagtgccag      300
gaagctgaat accatttcca gtgtcatacc cagggtgggt gacgaaaggg gtcttttgaa      360
ctgtggaagg aacatccaag atctctggtc catgaagatt ggggtgtgga agggttacca      420
gttggggaag ctgctctgtc ttttctcttc caatcagggg ctgctcttc tgattattct      480
tcagggaat gacataaatt gtatattcgg ttcctgggtc caggccagta atagtagcct      540
cttgtgacac caggcggggc ccanggacca cttctctggg angagaccca gcttctcata      600
cttgatgatg taaccgggta atcctgcacg tggcggtgn catgatacca ncaaggaatt      660
gggtgngngg gacctgcccg gcggccctcn a                                     691

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&lt;210&gt; 241

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 241

```

agcgtggtcg cgcccgaggt ctgggatgct cctgctgtca cagtgagata ttacaggatc      60
acttacggag aaacaggagg aaatagccct gtccaggagt tcaactgtgc tgggagcaag      120
tctacagcta ccacagcgg ccttaaacct ggagttgatt ataccatcac tgtgtatgct      180
gtcactggcc gtggagacag ccccgcaagc agcaagccaa tttccattaa ttaccgaaca      240
gaaattgaca aaccatcca gatgcaagt accgatgttc aggacaacag cattagtgtc      300
aagtggctgc cttcaagttc ccctgttact gggtacagag taaccaccac tccccaaaat      360
ggaccaggac caacaaaaac taaaactgca ggtccagatc aaacagaaat gactattgaa      420
ggcttgacgc ccacagtgga gtatgtggtt agtgtctatg ctcagaatcc aagcggagag      480
agtcagcctc tggttcagac tgcagtaacc actattcctg caccaactga cctgaagttc      540
actcaggtca caccacaag cctgagccgc cagtggacac caccaatgt tcaactactg      600
gatatcgagt gcgggtgacc cccaaggaga agaccgggac ccataaaaga aatcaacctt      660
gctcctgaca gctcatccgn ggggtgatca ggacttatgg gggactgcc cggcnggccg      720
ntcgaaancg aattntgaaa tttccttcnc actgggnggc gnttcgagct tncctntana      780
nggcccaatt cncctntagn gggtcgtn                                     808

```

&lt;210&gt; 242

&lt;211&gt; 26

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(26)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 242

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26

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<220>
<221> misc_feature
<222> (1)...(697)
<223> n = A,T,C or G
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<210> 244
<211> 373
<212> DNA
<213> Homo sapien
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<210> 245
<211> 307
<212> DNA
<213> Homo sapien
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<400> 245						
agcgtggtcg	cggccgaggt	gtgccccaga	ccaggaattc	ggcttcgacg	ttggccctgt	60
ctgcttcctg	taaactccct	ccatcccaac	ctggctccct	cccacccaac	caactttccc	120
cccaacccgg	aaacagacaa	gcaacccaaa	ctgaaccccc	tcaaaagcca	aaaaaatggg	180
agacaatttc	acatggactt	tggaaaaatat	ttttttcctt	tgcattcatc	tctcaaactt	240
aqttttttatc	tttgaccaac	cgaacatgac	caaaaaccaa	aaqtgacctg	cccgggcggc	300

cgctcga

307

<210> 246  
 <211> 372  
 <212> DNA  
 <213> Homo sapien

<400> 246  
 tcgagcggcc gcccgggcag gtctcacca gaggtgccac ctacaacatc atagtggagg 60  
 cactgaaaga ccagcagagg cataaggttc gggaagaggt tgttaccgtg ggcaactctg 120  
 tcaacgaagg cttgaaccaa cctacggatg actcgtgctt tgaccctac acagtttccc 180  
 attatgccgt tggagatgag tgggaacgaa tgtctgaate aggttttaaa ctggttggtcc 240  
 agtgcttagg ctttggaggt ggtcatttca gatgtgatcc atctagatgg tgccatgaca 300  
 atggtgtgaa ctacaagatt ggagagaagt gggaccgtca gggagaaaat ggacctcggc 360  
 cgcgaccacg ct 372

<210> 247  
 <211> 348  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)... (348)  
 <223> n = A,T,C or G

<400> 247  
 tcgagcggcc gcccgggcag gtaccggggt ggtcagcgag gagccattca cactgaactt 60  
 caccatcaac aacctgcggt atgaggagaa catgcagcac cctgggtcca ggaagttcaa 120  
 caccacggag agggtccttc agggcctgct caggtcctctg ttcaagagca ccagtgttgg 180  
 ccctctgtac tctggctgca gactgacttt gctcagacct gagaaacatg gggcagccac 240  
 tggagtggac gccatctgca ccctccgctt tgatccact ggtnctggac tggacanana 300  
 gcggctatac ttgggagctg anccnaacct ttggcgngna cncnctt 348

<210> 248  
 <211> 304  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)... (304)  
 <223> n = A,T,C or G

<400> 248  
 gaggactggc tcagctccca gtatagccgc tctctgtcca gtccaggacc agtgggatca 60  
 aggcggaggg tgcagatggc gtccactcca gtggctgccc catgtttctc aagtctgagc 120  
 aaagncagtc tgcagccaga gtacagaggg ccaacactgg tgctcttgaa cagggacctg 180  
 agcaggccct gaaggaccct ctccgtgggt ttgaacttcc tggagccagg gtgctgcatg 240  
 ttctctcat accgcagggt gttgatgggt aagttcagtg tgaatggctc ctgctgacc 300  
 accc 304

000180" T089E960

<400> 249

<400> 250

<400> 251

agcgtggncg cggccgaggt ctgaggatgt aaactcttcc caqgggaagg ctgaagtgct 60

gaccatggtg ctactgggtc cttctgagtc agatatgtga ctgatgngaa ctgaagtagg 120  
 tactgtagat ggtgaagtct ggggtgccc aaatgctgca tctccagagc cttccatcat 180  
 taccgtttct tcttttgcta tgggatgaga cactgttgag tattctctaa agtcaccact 240  
 gaaatcttcc tccaaaggaa aacctgtgga aaagcccctt atttctgccc cataatttgg 300  
 ttctcctaata cncctctgaaa tcaactatttc cctggaangt ttgggaaaaa nngggcnacc 360  
 tgncantgga aantggatan aaagatccca ccattttacc caacnagcag aaagtgggaa 420  
 nggtaccgaa aagctccaag taanaaaaag gaggggaagta aaggtcaagt gggcaccagt 480  
 ttcaaacaaa actttcccca aactatanaa ccca 514

<210> 252

<211> 501

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1) ... (501)

<223> n = A,T,C or G

<400> 252

aagcgggcgc cggggcaggc ncagnagtgc cttcgggact gggntcacc caggtctgc 60  
 ggcagtgtgc acagcgccag ccccgctggc ctccaaagca tgtgcaggag caaatggcac 120  
 cgagatatcc cttctgccac tgttctccta cgtggatagt cttcccatca tcgtaacacg 180  
 ttgcctcatg agggtcacac ttgaattctc cttttccgtt cccaagacat gtgcagctca 240  
 tttggctggc tctatagttt ggggaaagt ttgtgaaact gtgccactga cctttacttc 300  
 ctcttctct actggagctt tccgtacct ccacttctgc tgntggnaaa aaggngggaa 360  
 cntcttatca atttcattgg acagtanccc nctttctncc caaaacatnc aagggaaaat 420  
 attgattncn agagcggatt aaggaacaac cchaattatg ggggccagaa ataaaggggg 480  
 cttttccaca ggtnttttcc t 501

<210> 253

<211> 226

<212> DNA

<213> Homo sapien

<400> 253

tcgagcggcc gccggggcag gtctgcaggc tattgtaagt gttctgagca catatgagat 60  
 aacctgggcc aagctatgat gttcgatagc ttaggtgtat taaatgcact tttgactgcc 120  
 atctcagtgg atgacagcct tctcactgac agcagagatc ttctcactg tgccagtggg 180  
 caggagaaag agcatgctgc gactggacct cggccgcgac cacgct 226

<210> 254

<211> 226

<212> DNA

<213> Homo sapien

<400> 254

agcgtggctc cggccgaggt ccagtcgcag catgctcttt ctctgccc cactggcacagt 60  
 gaggaagatc tctgctgtca gtgagaaggc tgtcatccac tgagatggca gtcaaaagt 120  
 catttaatac acctaacgta tcgaacatca tagcttggcc caggttatct catatgtgct 180  
 cagaacactt acaatagcct gcagacctgc cggggcggcc gctcga 226



<210> 255  
 <211> 427  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(427)  
 <223> n = A,T,C or G

<400> 255  
 cgagcggcgg cccggggcagg tccagactcc aatccagaga accaccaage cagatgtcag 60  
 aagctacacc atcacagggt tacaaccagg cactgactac aagatctacc tgtacacctt 120  
 gaatgacaat gctcggagct cccctgtggt catcgacgcc tccactgcca ttgatgcacc 180  
 atccaacctg cgtttctctg ccaccacacc caattccttg ctggtatcat ggcagccgcc 240  
 acgtgccagg attaccggct acatcatcaa gtatgagaag cctgggtctc ctcccagaga 300  
 agtggtcctt cggccccgcc ctggtgncac agaagctact attactggcc tgggaaccggg 360  
 aaccgaatat acaatttatg tcattgcctt gaagaataat canaagagcg agccctgat 420  
 tggaagg 427

<210> 256  
 <211> 535  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(535)  
 <223> n = A,T,C or G

<400> 256  
 agcgtgggtcg cggccgaggt cctgtcagag tggcactggt agaagttcca ggaaccctga 60  
 actgtaaggg ttcttcatca gtgccacag gatgacatga aatgatgtac tcagaagtgt 120  
 cctggaatgg ggcccatgag atggttgtct gagagagagc ttcttgtcct gtctttttcc 180  
 ttccaatcag gggctcgtct ttctgattat tcttcagggc aatgacataa attgtatatt 240  
 cggttccccg ttccaggcca gtaatagtag cctctgtgac accagggcgg ggccgagggg 300  
 ccacttctct gggaggagac ccaggcttct catacttgat gatgtanccg gtaatcctgg 360  
 caccgtggcg gctgccatga taccagcaag gaattgggtg tgggtggcaa gaaacgcagg 420  
 ttggatgggt catcaatggc agtggaggcg tcgatnacca caggggagct ccgancattg 480  
 tcattcaagg tggacaggta gaatcttgta atcaggtgcc tggtttgtaa acctg 535

<210> 257  
 <211> 544  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(544)  
 <223> n = A,T,C or G

tcgagcggcc	gcccgggcag	gtttcgtgac	cgtgacctcg	aggtggacac	cacctcaag	60
agcctgagcc	agcagatcga	gaacatccgg	agcccagagg	gcagccgcaa	gaaccccgcc	120
cgcacctgcc	gtgacctcaa	gatgtgccac	tctgactgga	agagtggaga	gtactggatt	180
gaccccaacc	aaggtgcaa	cctggatgcc	atcaaagtct	tctgcaacat	ggagactggt	240
gagacctgcg	tgtaccccac	tcagcccagt	gtggcccaga	agaactggta	catcagcaag	300
aaccccaagg	acaagaagca	tgtctggttc	ggcgaaaagca	tgaccgatgg	attccagttc	360
gagtatggcg	gccagggctc	cgacctgcc	gatgtggacc	tcggccgcga	ccacgctaag	420
cccgaaattcc	agcacactgg	cggccgttac	tagtgggatc	cgagcttcgg	taccaagctt	480
ggcgtaatca	tgggncatag	ctgtttctcg	ngtgaaaatg	gtattccgct	tcacaatttc	540
ccac						544

<213> Homo sapien

agcgtgggtcg	cggccgaggt	ccacatcggc	agggtcggag	ccctggccgc	catactcgaa	60
ctggaatcca	tcggtcatgc	tctcgcgaa	ccagacatgc	ctcttgtcct	tggggttctt	120
gctgatgtac	cagttcttct	gggccacact	gggctgagt	gggtacacgc	aggtctcacc	180
agtctccatg	ttgcagaaga	ctttgatggc	atccaggttg	cagccttggt	tgggggtcaat	240
ccagtactct	ccactcttcc	agtcagagt	gcacatcttg	aggtcacggc	aggtgcgggc	300
ggggttcttg	cggctgccct	ctgggctccg	gatgttctcg	atctgctggc	tcaagctctt	360
gaagggtggt	gtccacctcg	aggtcacgg	cacgaaacct	gcccgggcgg	ccgctcga	418

<213> Homo sapien

$\langle 223 \rangle$  n = A, T, C or G

agcgtgggtcg	cggcccgaggt	caagaacccc	gcccgcacct	gccgtgacct	caagatgtgc	60
cactctgact	ggaagagtgg	agagtactgg	attgacccca	accaaggctg	caacctggat	120
gccatcaaag	tcttctgcaa	catggagact	ggtgagacct	gcgtgtaccc	cactcagccc	180
agtgtggccc	agaagaactg	gtacatcagc	aagaacccca	aggacaagag	gcattgtctgg	240
ttcggcgaga	gcatgaccga	tggattccag	ttcgagtatg	gcggccaggg	ctccgaccct	300
gccgatgtgg	acctgcccn	gccggnccgc	tcgaaaagcc	cnaatttcca	gncacacttg	360
gccgggccgtt	actactg					377

<213> Homo sapien



```
<210> 264
<211> 550
<212> DNA
<213> Homo sapien
```

<400> 264

```
<210> 265
<211> 596
<212> DNA
<213> Homo sapien
```

<400> 265

tcgagcggcc	gcccgggcag	gtccttgcag	ctctgcagtg	tcttcttcac	catcaggtgc	60
agggaaatagc	tcatggattc	catcctcagg	gctcgagtag	gtcacctgt	acctggaaac	120
ttgccctgt	gggctttccc	aagcaatttt	gatggaatcg	acatccacat	cagtgaatgc	180
cagtccttta	gggcgatcaa	tgttggttac	tgcagttcga	accagaggct	gactctctcc	240
gcttgatttc	tgagcataga	cactaaccac	atactccact	gtgggctgca	agccttcaat	300
agtcattttct	gtttgatctg	gacctgcagt	tttaagtttt	tgttggmect	gnnccatttt	360
tggggaaggg	gtggttactc	ttgtaaccag	taacagggga	acttgaagca	gccacttgac	420

```
<210> 266
<211> 506
<212> DNA
<213> Homo sapien
```

<400> 266						
ggtcg	cgggcagaggt	ctgggatgct	cctgctgtca	cagtgagata	ttacaggatc	60
gggag	aaacaggagg	aaatagccct	gtccaggagt	tcaactgtgcc	tgggagcaag	120
agcta	ccatcagcgg	ccttaaacct	ggagttgatt	ataccatcac	tgtgtatgct	180
gggcc	gtggagacag	ccccgcaagc	agtaagccaa	tttccattaa	ttaccgaaca	240
tgaca	aaccatccca	gatgcaagtg	accgatgttc	aggacaacag	cattagtgtc	300
gctgc	cttcaagttc	ccctgttact	ggttacagag	taaccaccac	tcccaaaaat	360
cagga	ccaacaaaaa	actaaaactg	canggtccag	atcaaacaga	aatgactatt	420
cttgc	agcccacagt	ggagtatgtg	ggttagtgtc	tatgctcaga	atnccaagcg	480
agtca	gcctctgggt	cagact				506

```
<210> 267
<211> 548
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(548)
<223> n = A,T,C or G
```

```
<210> 268
<211> 584
<212> DNA
<213> Homo sapien
```

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

<400> 268  
 agcgtggtcg cggccgaggt ctgtagcttc tgtgggactt ccaactgctca ggcgtcaggc 60  
 tcaggtagct gctggccgcg tacttgttgt tgctttgntt ggagggtgtg gtggtctcca 120  
 ctcccgcctt gacggggctg ctatctgcct tccaggccac tgtcacggt cccgggtaga 180  
 agtcacttat gagacacacc agtgtggcct tgttggttg aagctcctca gaggagggtg 240  
 ggaacagagt gaccgagggg gcagccttgg gctgacctag gacggtcagc ttggtccctc 300  
 cgccgaacac ccaattgttg ttgcctgcct atgagctgca gtaataatca gcctcctcct 360  
 cagcctggag ccagagagacn gtcaagggag gcccggtgtt gccaaagactt ggaagccaga 420  
 naagcgatca gggacccttg agggccgctt tacngacctc aaaaaatcat gaatttgggg 480  
 ggcctttgcc tggnggttg ttggnacca gnaaaacaaa atttcataaa gcaccaacgt 540  
 cactgctggt ttccagtgc ngaanatggt gaactgaant gtcc 584

<210> 269  
 <211> 368  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(368)  
 <223> n = A,T,C or G

<400> 269  
 agcgtggtcg cggccgaggt ccagcatcag gagccccgcc ttgccggctc tgggtcatcgc 60  
 ctttcttttt gtggcctgaa acgatgtcat caattcgcag tagcagaact gccgtctcca 120  
 ctgctgtctt ataagtctgc agcttcacag ccaatggctc ccatatgcc agttccttca 180  
 tgtccaccaa agtaccgcgc tcaccattta cccccaggt ctcacagttc tcttgggtgt 240  
 gcttgggccg aagggaggta agtanacgga tgggtgctggt cccacagttc tggatcaggg 300  
 tacgaggaat gacctctagg gcctgggcna caagccctgt atggacctgc ccgggaggggc 360  
 ccgctcga 368

<210> 270  
 <211> 368  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(368)  
 <223> n = A,T,C or G

<400> 270  
 tcgagcggcc gccggggcag gtccatacag ggctgttgcc caggccctag aggn cattcc 60  
 ttgtaccctg atccagaact gtgggaccag caccatcgt ctacttacct ccttcggggc 120  
 caagcacacc caggagaact gtgagacctg ggggtgtaaat gngagacgg gtactttggt 180

09636801.084000

ggacatgaag	gaactgggca	tatgggagcc	attggctgng	aagctgcana	cttataagac	240
agcagtggag	acggcagttc	tgctactgcg	aattgatgac	atcgtttcag	gccacaaaaa	300
gaaaggcgat	gaccanagcc	ggcaaggcgg	ggcttcctga	tgctggacct	cggccgccga	360
ccacgctt						368

<210> 271  
 <211> 424  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(424)  
 <223> n = A,T,C or G

<400> 271						
agcgtggctcg	cgcccgaggt	ccactagagg	tctgtgtgcc	attgccaggg	cagagtctct	60
gcgttacaaa	ctcctaggag	ggcttgctgt	gcggagggcc	tgctatgggtg	tgctgcgggtt	120
catcatggag	agtggggcca	aaggctgcga	ggttgtgggtg	tctgggaaac	tccgaggaca	180
gagggctaaa	tccatgaagt	ttgtggatgg	cctgatgatc	cacagcggag	accctgttaa	240
ctactacgtt	gacactgctg	tgcgccacgt	gttgctcana	caggggtgtgc	tgggcatcaa	300
ggtgaagatc	atgctgccct	gggacccanc	tggcaaaaat	ggcccttaaa	aacccttgc	360
cntgaccacg	tgaaccattt	gtgngaacc	caagatgaan	atacttgccc	accaccccc	420
attc						424

<210> 272  
 <211> 541  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(541)  
 <223> n = A,T,C or G

<400> 272						
tcgagcggcc	gcccgggcag	gtctgccaa	gagaccctgt	tatgctgtgg	ggactggctg	60
gggcatggca	ggcggtctg	gcttcccacc	cttctgttct	gagatggggg	tggtgggcag	120
tatctcatct	ttgggttcca	caatgtcac	gtggtcaggc	aggggcttct	tagggccaat	180
cttaccagtt	gggtcccagg	gcagcatgat	cttcaccttg	atgccagca	cacctgtct	240
gagcaacacg	tggcgcacag	cagtgtcaac	gtagtagtta	acaggggtctc	cgctgtggat	300
catcaggcca	tccacaaact	tcatggattt	agccctctgt	cctcggagtt	tcccaaaaca	360
ccacaacctc	gccagccttt	gggccccact	tcttcatgaa	tgaaaccgca	gcacaccatt	420
ancaaggccc	ttccgcacag	gnaagccctt	cctaaggagt	tttgtaaacy	caaaaaactc	480
ttgcttgggg	caaattgggca	cacagacctn	tantnggacc	ttggncgcg	aaccaccgct	540
t						541

<210> 273  
 <211> 579  
 <212> DNA  
 <213> Homo sapien

006368001.081000

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

<400> 273

agcgtggtcg	cgcccgaggt	ctggccctcc	tggcaaggct	ggtgaagatg	gtcaccctgg	60
aaaacccgga	cgacctggtg	agagaggagt	tggttgacca	cagggtgctc	gtggtttccc	120
tggaaactct	ggaacttctg	gcttcaaagg	cattagggga	cacaatggtc	tggatggatt	180
gaagggacag	cccgggtgctc	ctgggtgtgaa	gggtgaacct	ggngcccctg	gtgaaaatgg	240
aactccaggt	caaacaggag	cccnggggct	tcctggngag	agaggacgtg	ttggtgcccc	300
tggcccanac	ctgcccgggc	ggccgctcna	aaagccgaaa	tccagnacac	tggcggccgn	360
tactantgga	atccgaactt	cggtaccaaa	gcttggccgt	aatcatggcc	atagcttggt	420
ccctggggng	gaaattggta	ttccgctncc	aattccacac	aacataccga	acccggaaag	480
cattaaagtg	taaaagccct	gggggggcct	aaatgangtg	agcntaactc	ncatttaatt	540
ggcgttgccg	ttcactgccc	cgcttttcca	gtccgggna			579

<210> 274  
 <211> 330  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 274

tcgagcggcc	gcccgggcag	gtctggggcca	ggggcaccaa	cacgtcctct	ctcaccagga	60
agcccacggg	ctcctgtttg	acctggagtt	ccattttcac	caggggcacc	aggttcaccc	120
ttcacaccag	gagcacggg	ctgtcccttc	aatccatcca	gaccattgtg	nccctaatag	180
cttttgaagc	caggaagtcc	aggagtcca	gggaaaccac	gagcacctg	tggccaaca	240
actcctctct	caccaggtcg	tcggggtttt	ccagggtgac	catcttcacc	agccttgcca	300
ggagggccag	acctcggccg	cgaccacgct				330

<210> 275  
 <211> 97  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(97)  
 <223> n = A,T,C or G

<400> 275

ancgtggtcg	cgcccgaggt	cctcaccaga	ggtgncacct	acaacatcat	agtggaggca	60
ctgaaagacc	ancagaggca	taagggtcgg	gaagagg			97

<210> 276



<400> 276

<400> 277

<400> 278

agcgtgggtcg	cggccgaggt	ctgaggttac	atgcgtgggtg	gtggacgtga	gccacgaaga	60
ccctgagggtc	aagttcaact	ggtacgtgga	cggcgtggag	gtgcataatg	ccaagacaaa	120
gccgcggggag	gagcagtaca	acagcacgta	ccggngnggtc	agcgtcctca	ccgtcctgca	180
ccagaattgg	ttgaatggca	aggagtacaa	gngcaagggtt	tccaacaaag	cctcccagc	240
ccccntcgaa	aaaaccattt	ccaaagccaa	agggcagccc	cgagaaccac	aggtgtacac	300

cctgccccca tcccgggagg aaaagancaa naaccnggtt cagccttaac ttgcttggtc 360  
 naangctttt tateccaacg nacttcccc ntggaantgg gaaaaaccaa tgggccaanc 420  
 cgaaaaacaa ttacaanaac ccc 443

<210> 279  
 <211> 348  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (348)  
 <223> n = A,T,C or G

<400> 279  
 tcgagcggcc gcccgggcag gtgtcggagt ccagcacggg aggcgtggtc ttgtagttgt 60  
 tctcgggtg cccattgtc tcccaactcca cggcgatgtc gctgggatag aagcctttga 120  
 ccaggcaggt caggetgacc tggttcttgg tcatctctc ccgggatggg ggcagggtga 180  
 acacctgggg ttctcggggc ttgccctttg gttttgaana tggttttctc gatgggggct 240  
 ggaagggtt tgttgnaaac cttgcacttg actccttgcc attcaccag ncttgngca 300  
 ggacggngag gacnctnacc acacggaacc gggctggtgg actgctcc 348

<210> 280  
 <211> 149  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (149)  
 <223> n = A,T,C or G

<400> 280  
 agcgtggtcg cggacgangt cctgtcagag tggnaactggt agaagttcca ngaaccctga 60  
 actgtaaggg ttcttcatca gtgccaacag gatgacatga aatgatgtac tcagaagnn 120  
 cctggaatgg ggcccatgan atggttgcc 149

<210> 281  
 <211> 404  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1) ... (404)  
 <223> n = A,T,C or G

<400> 281  
 tcgagcggcc gcccgggcag gtccaccaca cccaattcct tgctggtatc atggcagccg 60  
 ccacgtgccg ggattaccgg ctacatcatc aagtatgaga agcctgggtc tctcccaga 120  
 gaagtggtec ctggccccg cctggtgtc acagaggcta ctattactgg cctggaaccg 180

ggaaccgaat	atacaattta	tgtcattgcc	ctgaagaata	atcagaagag	cgagccctg	240
attggaagga	aaaagacaga	cgagcttccc	caactggtaa	cccttccaca	ccccaatctt	300
catggaccag	agatcttgga	tgttccctcc	acagttcaaa	agaccccttt	cggcaccccc	360
cctgggtatg	aacctgggaa	aanggnantt	aanccttctt	ggca		404

&lt;210&gt; 282

&lt;211&gt; 507

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(507)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 282

agcgtgggtcg	cggccgaggt	ctgggatgct	cctgctgtca	cagtgaagata	ttacaggatc	60
acttacggag	aaacaggagg	aaatagccct	gtccaggagt	tcactgtgcc	tgggagcaag	120
tctacagcta	ccatcagcgg	ccttaaacct	ggagttgatt	ataccatcac	tgtgtatgct	180
gtcactggcc	gtggagacag	ccccgcaagc	agcaagccaa	tttccattaa	ttaccgaaca	240
gaaattgaca	aaccatccca	gatgcaagtg	accgatgttc	aggacaacag	cattagtgtc	300
aagtggctgc	cttcaaggtn	ccctgggtact	gggttacaga	ntaaccacca	ctcccaaaaa	360
tggaccagga	accacaaaaa	cttaaactgc	aggggtccaga	tcaaaacaga	aatgactatt	420
gaangcttgc	agcccacagt	gggagtatgn	gggtagtgnc	tatgcttcag	aatccaagcg	480
gaaaaangtc	aagccttntg	ggttcaa				507

&lt;210&gt; 283

&lt;211&gt; 325

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(325)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 283

tcgagcggcc	gcccgggcag	gtccttgcat	ctctgcagtg	tcttcttcac	catcaggtgc	60
agggaaatagc	tcattggattc	catcctcagg	gctcgagtag	gtcacctgt	acctggaaac	120
ttgccctgt	gggctttccc	aagcaatttt	gatggaatcg	acatccacat	cagtgaatgc	180
cagtctttta	gggcgatcaa	tgttggttac	tgcagnctga	accagaggct	gactctctcc	240
gcttggaatc	tgagcataga	cactaaccac	atactccact	gtgggctgca	anccttcaat	300
aanncatttc	tgtttgatct	ggacc				325

&lt;210&gt; 284

&lt;211&gt; 331

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 284

tcgagcggcc	gcccgggcag	gtctgggtggg	gtcctggcac	acgcacatgg	ggngttgnt	60
ctnatccagc	tgcccagccc	ccattggcga	gtttgagaag	gtgtgcagca	atgacaacaa	120
naccttcgac	tcttctgccc	acttctttgc	cacaaagtgc	accctggagg	gcaccaagaa	180
gggccacaag	ctccacctgg	actacatcgg	gccttgcaaa	tacatcccc	cttgcttggg	240
ctctgagctg	accgaattcc	cccttgccga	tgccgggactg	gtcacaagaac	cgtcctggca	300
cccttgatatg	anagggatga	agacacnacc	c			331

<210> 285

<211> 509

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(509)

<223> n = A,T,C or G

<400> 285

agcgtgggtcg	cggccgaggt	ctgtcctaca	gtcctcagga	ctctactccc	tcagcagcgt	60
ggtgaccgtg	ccctccagca	acttcggcac	ccagacctac	acctgcaacg	tagatcacia	120
gcccagcaac	accaaggtgg	acaagagagt	tgagcccaaa	tcttgtgaca	aaactcacac	180
atgcccaccg	tgcccagcac	ctgaactcct	ggggggagcg	tcagtcttcc	tcttcccccg	240
catccccctt	ccaaacctgc	ccgggcggcc	gtcgaagaagc	cgaattccag	cacactggcg	300
gccggtacta	gtgganccna	acttgggnanc	caacctggng	gaantaatgg	gcataanctg	360
tttctggggg	gaaattggta	tccngtttac	aattcccnca	caacatacga	gccggaagca	420
taaaagncta	aaagcctggg	ggnggcctan	tgaagtgaag	ctaaactcac	attaattngc	480
gttgccgctc	actggccccg	ttttccagc				509

<210> 286

<211> 336

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 286

tcgagcggcc	gcccgggcag	gtttggaagg	gggatgcggg	ggaagaggaa	gactgacggt	60
ccccccagga	gttcaggtgc	tgggcacggt	gggcatgtgt	gagttttgtc	acaagatttg	120
ggctcaactc	tcttgtccac	cttgggtgtg	ctgggcttgt	gatctacgtt	gcaggtgtag	180
gtctggngc	cgaagtgtct	ggagggcacg	gtcaccacgc	tgctgaggga	gtagagtcct	240
gaggactgta	ngacagacct	cggccgngac	cacgctaagc	cgaattctgc	agatatccat	300
cacactggcg	gccgctccga	gcatgcattt	tagagg			336

<210> 287



<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 290

tcgagcggcc	gcccgggcag	gtctggggcca	ggaggaccaa	taggaccagt	aggacccctt	60
gggccatctt	tccctgggac	accatcagca	cctggaccgc	ctggttcacc	cttgtcaccc	120
tttggaccag	gacttccaag	acctcctctt	tctccaggca	ttccttgag	accaggagta	180
ccancagcac	caggtggccc	aggaggacca	gcagaccctt	ttcctccttc	gggaccaggg	240
ggaccagctc	cacctctaag	tcttggggcc	cctgccaatc	caggaggggc	tccttcacct	300
ttctcacccg	gagccctctt	ttct				324

<210> 291

<211> 278

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(278)

<223> n = A,T,C or G

<400> 291

tcgagcggcc	gcccgggcag	gtccaccggg	atattcgggg	gtctggcagg	aatgggaggc	60
atccagaacg	agaaggagac	catgcaaagc	ctgaacgacc	gcctggcctc	ttacctggac	120
agagttagga	gcctggagac	cgacaaccgg	aggctggaga	gcaaaatccg	ggagcacttg	180
gagaagaagg	gaccccaggt	cagagactgg	agccattact	tcaagatcat	cgaggacctg	240
agggtcana	tcttcgcaa	tactgcngac	aatgcccg			278

<210> 292

<211> 299

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 292

atgcgnggtc	gcgcccgang	accanctctg	gtcatactt	gactctaaag	nontcaccag	60
nanttacgn	cattgccaat	ctgcagaacg	atgcgggcat	tgtccgcant	atttgcaag	120
atctgagccc	tcaggncctc	gatgatcttg	aagtaanggc	tccagtctct	gacctggggt	180
cccttcttct	ccaagtgtc	ccggattttg	ctctccagcc	tccggttctc	ggcttccaag	240
ncttctcact	ctgtccagga	aaagaggcca	ggcgngcgat	cagggtttt	gcatggact	299

<210> 293

<211> 101

09636301.1031000

<212> DNA

<213> Homo sapien

<400> 293

```
agcgtgggtcg cgcccgaggt tgtacaagct tttttttttt tttttttttt tttttttttt      60
tttttttttt tttttttttt tttttttttt tttttttttt t      101
```

<210> 294

<211> 285

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 294

```
tcgagcggcc gcccgggcag gtctgccaac accaagattg gccccgcgcg catccacaca      60
gttngtgtgc ggggaggtaa caagaaatac cgtgccctga ggntggacgn ggggaatttc      120
tcctggggct cagagtgttg tactcgtaaa acaaggatca tcgatgttgt ctacaatgca      180
tctaataacg agctggttcg taccaagacc ctggtgaaga attgcatcgt gctcatngac      240
agcacaccgt accgacagtg ggtaccgaag tcccactatg cncct      285
```

<210> 295

<211> 216

<212> DNA

<213> Homo sapien

<400> 295

```
tcgagcggcc gcccgggcag gtccaccaca cccaattcct tgctgggtatc atggcagccg      60
ccacgtgccg ggattaccgg ctacatcatc aagtatgaga agcctgggtc tcctcccaga      120
gaagtgggtc ctgcggcccc cctgggtgtc acagaggcta ctattactgg cctggaaccg      180
ggaaccgaat atacaattta tgtcattgcc ctgaag      216
```

<210> 296

<211> 414

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 296

```
agcgtgntcn cgcccgagga tggggaagct cgnetgtctt ttctcttcca atcaggggct      60
nnntcttctg attattcttc agggcaanga cataaattgt atattcggnt cccggttcca      120
gnccagtaat agtagcctct gtgacaccag ggccggggccg agggaccact tctctgggag      180
gagaccaggg cttctcatac ttgatgatga agccggtaat cctggcacgt gggcggctgc      240
catgatacca ccaangaatt ggggtgtggtg gacctgcccg ggccgggccgc tcgaaaancc      300
```

09636301.091000

```
<210> 297
<211> 376
<212> DNA
<213> Homo sapien
```

<400> 297

```
<210> 298
<211> 357
<212> DNA
<213> Homo sapien
```

<400> 298

```
<210> 299
<211> 307
<212> DNA
<213> Homo sapien
```

<400> 299



```

agcgtggtcg cggccgaggt ccactagagg tctgtgtgcc attgccagc cagagtctct 60
gcgttacaaa ctctaggag ggcttgcgtg gggaggggcc tgctatgggt tgcgtcggtt 120
catcatggag agtggggcca aaggctgcga ggttgtggtg tctgggaaac tccgaggaca 180
gagggctaaa tccatgaagt ttgtggatgg cctgatgatc cacagcggag acctgttaa 240
ctactacgtt gacacttgct tgtgcgccac gtgttgcctc nacanggggt ggctgggcat 300
caaggng 307

```

```

<210> 300
<211> 351
<212> DNA
<213> Homo sapien

```

```

<400> 300
tcgagcggcc gccggggcag gtctgccaa gagaccctgt tatgtgtgg ggactgggtg 60
gggcatggca ggcggtctg gctcccacc cttctgttct gagatggggg tggggggcag 120
tatctcatct ttgggttcca caatgtcac gtggtcagga aggggcttct tagggccaat 180
cttaccagtt gggcccagg gcagcatgat cttcaccttg atgccagca caccctgtct 240
gagcaacacg tggcgcacag caagtgtcaa cgtaagtaag ttaacagggt ctccgtgtg 300
gatcatcagg ccatccaca acttcatgga tttaacctc tgtcctcgga g 351

```

```

<210> 301
<211> 330
<212> DNA
<213> Homo sapien

```

```

<400> 301
tcgagcggcc gccggggcag gtgtttcaga ggttccaagg tccactgtgg aggtcccagg 60
agtgtgtgtg gtgggcacag aggtccgatg ggtgaaacca ttgacataga gactgttctt 120
gtccagggtg tagggggcca gctctttgat gccattggcc agttggctca gctcccagta 180
cagccgtctt ctgttgagtc cagggctttt ggggtcaaga tgatggatgc agatggcatc 240
cactccagtg gctgtcccat cttctcgga cctgagagag gtcagtctgc agccagagta 300
cagagggcca acactggtgt tctttgaata 330

```

```

<210> 302
<211> 317
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1) ... (317)
<223> n = A,T,C or G

```

```

<400> 302
agcgtggtcg cggccgaggt ctgtactggg agctaagcaa actgaccaat gacattgaag 60
agctggggcc ctacacctg gacaggaaca gtctctatgt caatggtttc acccatcaga 120
gctctgtgnc caccaccagc actcctggga cctccacagt ggatttcaga acctcaggga 180
ctccatctc cctctccagc cccacaatta tggctgctgg cctctctctg gtaccattca 240
ccctcaactt caccatcacc aacctgcagt atggggagga catgggtcac cctgnctcca 300
ggaagttcaa caccaca 317

```

```
<220>  
<221> misc_feature  
<222> (1) ... (283)  
<223> n = A,T,C or G
```

```
<210> 304
<211> 72
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(72)
<223> n = A,T,C or G
```

```
<210> 305
<211> 245
<212> DNA
<213> Homo sapien
.
<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G
```

```
<210> 306
<211> 246
<212> DNA
```

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(246)

<223> n = A,T,C or G

<400> 306

tcgagcgggc	gcccgggcag	gtccaccggg	atagccgggg	gtctggcagg	aatgggaggc	60
atccagaacg	agaaggagac	catgcaaagc	ctgaacgacc	gcctggcctc	ttacctggac	120
agagtgagga	gcctggagac	cganaaccgg	aggctggana	gcaaaatccg	ggagcacttg	180
gagaagaagg	gaccccaggt	caagagactg	gagccattac	ttcaagatca	tcgagggacc	240
tggagg						246

<210> 307

<211> 333

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 307

agcgnnggtcg	cggccgaggt	ccagctctgt	ctcatacttg	actctaaagt	catcagcagc	60
aagacgggca	ttgtcaatct	gcagaacgat	gcgggcattg	tccgcagtat	ttgcgaagat	120
ctgagccctc	aggtcctcga	tgatcttgaa	gtaatggctc	cagtctctga	cctgggggtcc	180
cttctttctcc	aagtgtctcc	ggattttgct	ctccagcctc	cggttctcgg	tctccaggct	240
cctcactctg	tccaggtaag	aaggcccagg	cggtcgttca	ggctttgcat	ggtctccttc	300
tcgtttctgga	tgcttcccat	tcctgccaga	ccc			333

<210> 308

<211> 310

<212> DNA

<213> Homo sapien

<400> 308

tcgagcggcc	gcccgggcag	gtcaggaagc	acattgggtct	tagagccact	gcctcctgga	60
ttccacctgt	gctgcggaca	tctccaggga	gtgcagaagg	gaagcaggtc	aaactgctca	120
gatcagtcag	actggctgtt	ctcagttctc	acctgagcaa	ggtcagtctg	cagccagagt	180
acagagggcc	aacactgggtg	ttcttgaaca	agggcttgag	cagaccctgc	agaaccctct	240
tccgtgggtg	tgaacttctt	ggaaaccagg	gtgttgcatg	tttttctctca	taatgcaagg	300
ttggtgatgg						310

<210> 309

<211> 429

<212> DNA

<213> Homo sapien

<400> 309

09636301.081000

agcgtgggtcg	cgcccgaggt	ccacatcggc	agggtcggag	ccctggccgc	catactcgaa	60
ctggaatcca	tgggtcatgc	tctcgccgaa	ccagacatgc	ctcttgtoct	tggggttctt	120
gctgatgtac	cagttcttct	gggccacact	gggctgagtg	gggtacaccg	caggtctcac	180
cagtctccat	gttgcagaag	actttgatgg	catccagggt	gcagccttgg	ttgggggtcaa	240
tccagtactc	tccactcttc	cagtcagaag	tgggcacatc	ttgaggtcac	cggcagggtgc	300
cgggccgggg	gttcttgccg	cttgccctct	gggctccgga	tgttctcgat	ctgcttggct	360
caggctcttg	agggtgggtg	tccacctcga	ggtcacggtc	accgaaacct	gcccggggcgg	420
cccgtcga						429

&lt;210&gt; 310

&lt;211&gt; 430

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(430)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 310

tcgagcggtc	gcccgggcag	gtttcgtgac	cgtgacctcg	agggtggacac	caccctcaag	60
agcctgagcc	agcagatcga	gaacatccgg	agcccagagg	gcagccgcaa	gaaccccgcc	120
cgcacctgcc	gtgacctcaa	gatgtgccac	tctgactgga	agagtggaga	gtactggatt	180
gaccccaacc	aaggctgcaa	cctggatgcc	atcaaagtct	tctgcaacat	ggagactgggt	240
gagacctgcg	tgtaccccac	tcagcccagt	gtgggcccag	aagaaaactgg	tacatcagca	300
aggaacccca	aggacaagag	gcattgtctt	ggttcggcga	gnagcatgac	ccgatggatt	360
ccagtttctga	gtattggcgg	ccagggtctc	ccgaccttgg	ccgatgtgga	cctcggccgc	420
gaccaccgct						430

&lt;210&gt; 311

&lt;211&gt; 2996

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 311

cagccaccgg	agtggatgcc	atctgcaccc	accgccctga	ccccacaggc	cctgggctgg	60
acagagagca	gctgtatttg	gagctgagcc	agctgaccca	cagcatcact	gagctggggc	120
cctacaccct	ggacagggac	agtctctatg	tcaatggttt	cacacagcgg	agctctgtgc	180
ccaccactag	cattcctggg	acccccacag	tggacctggg	aacatctggg	actccagttt	240
ctaaacctgg	tcctctggct	gccagccctc	tcttggtgct	attcactctc	aacttcacca	300
tcaccaacct	gcggtatgag	gagaacatgc	agcaccctgg	ctccaggaag	ttcaacacca	360
cggagagggg	ccttcagggc	ctggctccctg	ttcaagagca	ccagtgttgg	ccctctgtac	420
tctggctgca	gactgacttt	gctcaggcct	gaaaaggatg	ggacagccac	tggagtggat	480
gccatctgca	cccaccaccc	tgaccccaaa	agccctaggc	tggacagaga	gcagctgtat	540
tgggagctga	gccagctgac	ccacaatatc	actgagctgg	gcccctatgc	cctggacaac	600
gacagcctct	ttgtcaatgg	tttcaactcat	cggagctctg	tgtccaccac	cagcactcct	660
gggaccccca	cagtgtatct	gggagcatct	aagactccag	cctcgatatt	tggcccttca	720
gctgccagcc	atctcctgat	actattcacc	ctcaacttca	ccatcactaa	cctgcggtat	780
gaggagaaca	tgtggcctgg	ctccaggaag	ttcaacacta	cagagagggg	ccttcagggc	840
ctgctaaggc	ccttggttcaa	gaacaccagt	gttgccctc	tgtactctgg	ctgcaggctg	900
accttgctca	ggccagagaa	agatggggaa	gccaccggag	tggatgcat	ctgcaccac	960

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cgccctgacc ccacaggccc tgggctggac agagagcagc tgtatatttga gctgagccag 1020  
ctgaccacaca gcatcactga gctgggcccc tacacactgg acagggacag tctctatgtc 1080  
aatgggtttca cccatcggag ctctgtaccc accaccagca ccgggggtggc cagcgaggag 1140  
ccattcacac tgaacttcac catcaacaac ctgcgtaca tggcggacat gggccaaccc 1200  
ggctccctca agttcaacat cacagacaac gtcatgaagc acctgctcag tcctttgttc 1260  
cagaggagca gcctgggtgc acggtacaca ggctgcaggg tcatcgcact aaggctctgtg 1320  
aagaacggtg ctgagacacg ggtggacctc ctctgcacct acctgcagcc cctcagcggc 1380  
ccaggctctgc ctatcaagca ggtgttccat gagctgagcc agcagacca tggcatcacc 1440  
cggtcgggccc cctactctct ggacaaagac agcctctacc ttaacggtta caatgaacct 1500  
ggtccagatg agcctcctac aactcccaag ccagccacca cattcctgcc tcctctgtca 1560  
gaagccacaa cagecatggg gtaccacctg aagacctca cactcaactt caccatctcc 1620  
aatctccagt attcaccaga tatgggcaag ggctcagcta cattcaactc caccgagggg 1680  
gtccttcagc acctgctcag accttgttc cagaagagca gcatgggccc cttctacttg 1740  
ggttgccaac tgatctccct caggcctgag aaggatgggg cagccactgg tgtggacacc 1800  
acctgcacct accacctga ccctgtgggc cccgggctgg acatacagca gctttactgg 1860  
gagctgagtc agctgacca tgggtgcacc caactgggct tctatgtcct ggacagggat 1920  
agcctcttca tcaatggcta tgcacccag aatttatcaa tccggggcga gtaccagata 1980  
aatttcacaa ttgtcaactg gaacctcagt aatccagacc ccacatctc agagtacatc 2040  
acctgctga gggacatcca ggacaaggte accacactct acaaaggcag tcaactacat 2100  
gacacattcc gcttctgect ggtcaccaac ttgacgatgg actccgtgtt ggtcactgtc 2160  
aaggcattgt tctctccaa tttggacccc agcctgggtg agcaagtctt tctagataag 2220  
acctgaatg cctcattcca ttggctgggc tccacctacc agttgggtgga catccatgtg 2280  
acagaaatgg agtcatcagt ttatcaacca acaagcagct ccagcacca gcacttctac 2340  
ctgaatttca ccatcaccaa cctaccatat tcccaggaca aagcccagcc aggcaccacc 2400  
aattaccaga ggaacaaaag gaattattgag gatgcgtcaca accaactctt ccgaaacagc 2460  
agcatcaaga gttatttttc tgactgtcaa gtttcaacat tcaggctctgt ccccaacagg 2520  
caccacaccg ggggtggactc cctgtgtaac ttctcgccac tggctcggag agtagacaga 2580  
gttgccatct atgaggaatt ttgctggatg acccggaatg gtaccagct gcagaacttc 2640  
acctgggaca ggagcagtggt ccttgtggat ggggtattttt ccaacagaaa tgagccctta 2700  
actgggaatt ctgaccttcc cttctgggct gtcacctca tcggcttggc aggactcctg 2760  
ggactcatca catgcctgat ctgcggtgtc ctggtgacca cccgccggcg gaagaaggaa 2820  
ggagaataca acgtccagca acagtcccc ggctactacc agtcacacct agacctggag 2880  
gatctgcaat gactggaact tgccggtgcc tggggtgect ttccccagc cagggtccaa 2940  
agaagcttgg ctggggcaga aataaaccat attggtcgga cacaaaaaa aaaaaa 2996

<210> 312

<211> 914

<212> PRT

<213> Homo sapien

<400> 312

Met	Ser	Met	Val	Ser	His	Ser	Gly	Ala	Leu	Cys	Pro	Pro	Leu	Ala	Phe
1				5					10					15	
Leu	Gly	Pro	Pro	Gln	Trp	Thr	Trp	Glu	His	Leu	Gly	Leu	Gln	Phe	Leu
			20					25					30		
Asn	Leu	Val	Pro	Arg	Leu	Pro	Ala	Leu	Ser	Trp	Cys	Tyr	Ser	Leu	Ser
		35					40					45			
Thr	Ser	Pro	Ser	Pro	Thr	Cys	Gly	Met	Arg	Arg	Thr	Cys	Ser	Thr	Leu
	50					55					60				
Ala	Pro	Gly	Ser	Ser	Thr	Pro	Arg	Arg	Gly	Ser	Phe	Arg	Ala	Trp	Ser
65					70					75					80

Leu Phe Lys Ser Thr Ser Val Gly Pro Leu Tyr Ser Gly Cys Arg Leu  
 85 90 95  
 Thr Leu Leu Arg Pro Glu Lys Asp Gly Thr Ala Thr Gly Val Asp Ala  
 100 105 110  
 Ile Cys Thr His His Pro Asp Pro Lys Ser Pro Arg Leu Asp Arg Glu  
 115 120 125  
 Gln Leu Tyr Trp Glu Leu Ser Gln Leu Thr His Asn Ile Thr Glu Leu  
 130 135 140  
 Gly Pro Tyr Ala Leu Asp Asn Asp Ser Leu Phe Val Asn Gly Phe Thr  
 145 150 155 160  
 His Arg Ser Ser Val Ser Thr Thr Ser Thr Pro Gly Thr Pro Thr Val  
 165 170 175  
 Tyr Leu Gly Ala Ser Lys Thr Pro Ala Ser Ile Phe Gly Pro Ser Ala  
 180 185 190  
 Ala Ser His Leu Leu Ile Leu Phe Thr Leu Asn Phe Thr Ile Thr Asn  
 195 200 205  
 Leu Arg Tyr Glu Glu Asn Met Trp Pro Gly Ser Arg Lys Phe Asn Thr  
 210 215 220  
 Thr Glu Arg Val Leu Gln Gly Leu Leu Arg Pro Leu Phe Lys Asn Thr  
 225 230 235 240  
 Ser Val Gly Pro Leu Tyr Ser Gly Cys Arg Leu Thr Leu Leu Arg Pro  
 245 250 255  
 Glu Lys Asp Gly Glu Ala Thr Gly Val Asp Ala Ile Cys Thr His Arg  
 260 265 270  
 Pro Asp Pro Thr Gly Pro Gly Leu Asp Arg Glu Gln Leu Tyr Leu Glu  
 275 280 285  
 Leu Ser Gln Leu Thr His Ser Ile Thr Glu Leu Gly Pro Tyr Thr Leu  
 290 295 300  
 Asp Arg Asp Ser Leu Tyr Val Asn Gly Phe Thr His Arg Ser Ser Val  
 305 310 315 320  
 Pro Thr Thr Ser Thr Gly Val Val Ser Glu Glu Pro Phe Thr Leu Asn  
 325 330 335  
 Phe Thr Ile Asn Asn Leu Arg Tyr Met Ala Asp Met Gly Gln Pro Gly  
 340 345 350  
 Ser Leu Lys Phe Asn Ile Thr Asp Asn Val Met Lys His Leu Leu Ser  
 355 360 365  
 Pro Leu Phe Gln Arg Ser Ser Leu Gly Ala Arg Tyr Thr Gly Cys Arg  
 370 375 380  
 Val Ile Ala Leu Arg Ser Val Lys Asn Gly Ala Glu Thr Arg Val Asp  
 385 390 395 400  
 Leu Leu Cys Thr Tyr Leu Gln Pro Leu Ser Gly Pro Gly Leu Pro Ile  
 405 410 415  
 Lys Gln Val Phe His Glu Leu Ser Gln Gln Thr His Gly Ile Thr Arg  
 420 425 430  
 Leu Gly Pro Tyr Ser Leu Asp Lys Asp Ser Leu Tyr Leu Asn Gly Tyr  
 435 440 445  
 Asn Glu Pro Gly Pro Asp Glu Pro Pro Thr Thr Pro Lys Pro Ala Thr  
 450 455 460  
 Thr Phe Leu Pro Pro Leu Ser Glu Ala Thr Thr Ala Met Gly Tyr His  
 465 470 475 480  
 Leu Lys Thr Leu Thr Leu Asn Phe Thr Ile Ser Asn Leu Gln Tyr Ser

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				485					490					495			
Pro	Asp	Met	Gly	Lys	Gly	Ser	Ala	Thr	Phe	Asn	Ser	Thr	Glu	Gly	Val		
			500					505					510				
Leu	Gln	His	Leu	Leu	Arg	Pro	Leu	Phe	Gln	Lys	Ser	Ser	Met	Gly	Pro		
		515					520					525					
Phe	Tyr	Leu	Gly	Cys	Gln	Leu	Ile	Ser	Leu	Arg	Pro	Glu	Lys	Asp	Gly		
	530					535					540						
Ala	Ala	Thr	Gly	Val	Asp	Thr	Thr	Cys	Thr	Tyr	His	Pro	Asp	Pro	Val		
545					550					555					560		
Gly	Pro	Gly	Leu	Asp	Ile	Gln	Gln	Leu	Tyr	Trp	Glu	Leu	Ser	Gln	Leu		
				565					570					575			
Thr	His	Gly	Val	Thr	Gln	Leu	Gly	Phe	Tyr	Val	Leu	Asp	Arg	Asp	Ser		
			580					585					590				
Leu	Phe	Ile	Asn	Gly	Tyr	Ala	Pro	Gln	Asn	Leu	Ser	Ile	Arg	Gly	Glu		
		595					600					605					
Tyr	Gln	Ile	Asn	Phe	His	Ile	Val	Asn	Trp	Asn	Leu	Ser	Asn	Pro	Asp		
	610					615					620						
Pro	Thr	Ser	Ser	Glu	Tyr	Ile	Thr	Leu	Leu	Arg	Asp	Ile	Gln	Asp	Lys		
625					630					635					640		
Val	Thr	Thr	Leu	Tyr	Lys	Gly	Ser	Gln	Leu	His	Asp	Thr	Phe	Arg	Phe		
				645					650					655			
Cys	Leu	Val	Thr	Asn	Leu	Thr	Met	Asp	Ser	Val	Leu	Val	Thr	Val	Lys		
			660					665					670				
Ala	Leu	Phe	Ser	Ser	Asn	Leu	Asp	Pro	Ser	Leu	Val	Glu	Gln	Val	Phe		
		675					680					685					
Leu	Asp	Lys	Thr	Leu	Asn	Ala	Ser	Phe	His	Trp	Leu	Gly	Ser	Thr	Tyr		
	690					695					700						
Gln	Leu	Val	Asp	Ile	His	Val	Thr	Glu	Met	Glu	Ser	Ser	Val	Tyr	Gln		
705					710					715					720		
Pro	Thr	Ser	Ser	Ser	Ser	Thr	Gln	His	Phe	Tyr	Leu	Asn	Phe	Thr	Ile		
				725					730					735			
Thr	Asn	Leu	Pro	Tyr	Ser	Gln	Asp	Lys	Ala	Gln	Pro	Gly	Thr	Thr	Asn		
			740					745					750				
Tyr	Gln	Arg	Asn	Lys	Arg	Asn	Ile	Glu	Asp	Ala	Leu	Asn	Gln	Leu	Phe		
		755					760					765					
Arg	Asn	Ser	Ser	Ile	Lys	Ser	Tyr	Phe	Ser	Asp	Cys	Gln	Val	Ser	Thr		
	770					775				780							
Phe	Arg	Ser	Val	Pro	Asn	Arg	His	His	Thr	Gly	Val	Asp	Ser	Leu	Cys		
785					790					795					800		
Asn	Phe	Ser	Pro	Leu	Ala	Arg	Arg	Val	Asp	Arg	Val	Ala	Ile	Tyr	Glu		
				805					810					815			
Glu	Phe	Leu	Arg	Met	Thr	Arg	Asn	Gly	Thr	Gln	Leu	Gln	Asn	Phe	Thr		
			820					825					830				
Leu	Asp	Arg	Ser	Ser	Val	Leu	Val	Asp	Gly	Tyr	Phe	Pro	Asn	Arg	Asn		
		835					840					845					
Glu	Pro	Leu	Thr	Gly	Asn	Ser	Asp	Leu	Pro	Phe	Trp	Ala	Val	Ile	Leu		
	850					855					860						
Ile	Gly	Leu	Ala	Gly	Leu	Leu	Gly	Leu	Ile	Thr	Cys	Leu	Ile	Cys	Gly		
865					870					875					880		
Val	Leu	Val	Thr	Thr	Arg	Arg	Arg	Lys	Lys	Glu	Gly	Glu	Tyr	Asn	Val		
				885					890					895			

000T80" T089E960

Gln Gln Gln Cys Pro Gly Tyr Tyr Gln Ser His Leu Asp Leu Glu Asp  
 900 905 910

Leu Gln

<210> 313  
 <211> 656  
 <212> DNA  
 <213> Homo sapiens

<400> 313  
 acagccagtc ggagctgcaa gtgtttctggg tggatgcggy atatgcactc aaaatgctct 60  
 ttgtaaagga aagccacaac atgtccaagg gacctgaggc gacttggagg ctgagcaaag 120  
 tgcagtttgt ctacgactcc tccgagaaaa ccacttcaa agacgcagtc agtgctggga 180  
 agcacacagc caactcgac cactctctg ccttggtcac ccccgctggg aagtccatg 240  
 agtggtcaagc tcaacaaacc atttcaactg cctctagtga tccgcagaag acggtcacca 300  
 tgatcctgtc tgcggtccac atccaacctt ttgacattat ctcagatttt gtcttcagt 360  
 aagagcataa atgcccagtg gatgagcggg agcaactgga agaaaccttg cccctgattt 420  
 tggggctcat cttgggctc gtcctcatgg taacactcgc gatttaccac gtccaccaca 480  
 aaatgactgc caaccaggtg cagatccctc gggacagatc ccagtataag cacatgggct 540  
 agaggecgtt aggcaggcac cccctattcc tgctccccc actggatcag gtagaacaac 600  
 aaaagcactt ttccatcttg tacacgagat acaccaacat agctacaatc aaacag 656

<210> 314  
 <211> 519  
 <212> DNA  
 <213> Homo sapiens

<400> 314  
 tgtgcgtgga ccagtcagct tccgggtgtg actggagcag ggcttgtcgt cttcttcaga 60  
 gtcactttgc aggggttggg gaagctgtc ccatccatgt acagctccca gtctactgat 120  
 gtttaaggat ggtctcgggt gttaggccca ctagaataaa ctgagtccea tacctctaca 180  
 cagttatgtt taactgggct ctctgacacc gggaggaagg tggcgggggt taggtgttgc 240  
 aaacttcaat ggttatgcgg ggatgttcac agagcaagct ttggtatcta gctagtctag 300  
 cattcattag ctaatggtgt cctttggtat ttattaaaat caccacagca tagggggact 360  
 ttatgttttag gttttgtcta agagttagct tatctgcttc ttgtgctaac agggctattg 420  
 ctaccaggga ctttggacat gggggccagc gtttggaaac ctcacttagt ttttttgaga 480  
 gataggccac tggccttgga cctcgggcgc gaccacgct 519

<210> 315  
 <211> 441  
 <212> DNA  
 <213> Homo sapiens

<400> 315  
 cacagagcgt ttattgacac caccactcct gaaaattggg atttcttatt aggttcccct 60  
 aaaagttccc atgttgatta catgtaata gtcacatata tacaatgaag gcagtttctt 120  
 cagaggcaac cagggtttat agtgctaggt aaatgtcatc tcttttgtgc tactgactca 180  
 ttgtcaaacg tctctgcact gttttcagcc tctccaggtt gcctctgtcc tgcttcttag 240  
 ttccttcttt gtgacaaacc aaaagaataa gaggatttag aacaggactg cttttcccct 300  
 atgatttaaa aattccaatg actttcgccc ttgggagaaa tttccaagga aatctctctc 360



gctcgtcttc tccgttttcc tttgtgagct tctgggggag ggtagtggt gactttttga 420  
tacgaaaaaa tgcattttgt g 441

<210> 316  
<211> 247  
<212> DNA  
<213> Homo sapiens

<400> 316  
tggcgcggt gctggatttc accttcttgc acctgccggt gagcgccctgg ggtctaaagg 60  
ggcgggatac tccattatgg cccctcgccc tgtagggctg gaatagttag aaaaggcaac 120  
ccagtctagc ttggttaagaa gagagacatg cccccaacct cggcgccctt tttctcacg 180  
atctgctgtc cttacttcag cgactgcagg agcttcacct gcaagaaaac agcattgagc 240  
tgctgac 247

<210> 317  
<211> 409  
<212> DNA  
<213> Homo sapiens

<400> 317  
tgacagggct cctggagttg ttaagtcacc aagtagctgc aggggatgga cactgcccc 60  
cacgatgtgg gatgaacagc agccttggtt tgtagccag ggtgtccatg gatttgacct 120  
gaatgctccc tggagccct gtggcgagga caggcactgg atggtccaga cctctggct 180  
ggaggagtgg tggagccagg actgggctt cagccatgag ggctagaata acctgacctc 240  
ttgcattcta acactgggtc attaatgaca cctttccagt ggatgttgca aaaaccaaca 300  
ctgtcaggaa cctggccctg ggagggctca ggtgagctca caaggagagg tcaagccaag 360  
ccaaagggta ggkaacacac aacaccaggg gaaaccagcc cccaaacca 409

<210> 318  
<211> 320  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(320)  
<223> n = A,T,C or G

<400> 318  
caaggnagat cttaagnggg gtctatgtga agtgtgctcc tggctccagg gttctggag 60  
cctcacgagg tcaggggaac ccttgtagaa ctccaccagc agcatcatct cgtgaaggat 120  
gtcattgggtc aggaagctgt cctggacgta ggccatctcc acatccatgg ggatgccata 180  
gtcactgggc ctttgcctgg gaggaggcat caccagaaa ggcgagatct tggactcggg 240  
gcctgggttg ccagaatagt aaggggagca nagcagggagc aggcagggct ggaagccatt 300  
gctggagccc tgcagccgca 320

<210> 319  
<211> 212  
<212> DNA  
<213> Homo sapiens

05636801 "0810000

<220>

<221> misc\_feature

<222> (1)...(212)

<223> n = A,T,C or G

<400> 319

```
tgaagcaata gcgcccccat tttacaggcg gagcatggaa gccagagagg tgggtggggg 60
aggggggtcct tccctggctc aggcagatgg gaagatgagg aagccgctga agacgctgtc 120
ggcctcagag ccctggtaaa tgtgaccctt tttgggggtct ttttcaacce anacctgggtc 180
acctgtgtgc agacctcggc cgcgaccacg ct 212
```

<210> 320

<211> 769

<212> DNA

<213> Homo sapiens

<400> 320

```
tggagggtgta gcagtgaag gagatytgag gcaagagtgt cacagcagag ccctaaascc 60
tccaactcac cagtgaagag tgagactgcc cagtactcag ctttcatctc ctggggccacc 120
tggagggcgt ctttctccat cagcgcatat tgagcagggg tactcagatc cttcttggaa 180
cctacaagga agagaagcac actggaaggg tcattctcct tcagggcatc ggccagccac 240
tgccctgccat gggagggtgga aagtaagggg tgagtgaagc tcagggggcc ctcccactga 300
cattcatagg cccaattacc ccctctctgg tcctacatgc attcttcttc ttcctgacca 360
cccctctgtt ctgaaccctc tcttcccgga gcctcccatt atattgcagg atgctcactt 420
acttggtatg ttccagagat gccacatcat tcagggttgaa gacaatgatg atggcttgga 480
agagtggcag aaacagcccc aggttgacag ggaagacact actgctcatt tccccaatcc 540
ttccagctcc atatgagaaa gccatgtgca ctctgagacc cacctacccc acttcaccca 600
gccccttacc ttgagctcct ctatagtagg ttgatgcaat gcatttgaac ctctcctgcc 660
cagcgggtatc ccaactggaa ggaaggaaga gtgaagcaca ggtatgtatc ttgggggggtg 720
tgggtgctgg ggagaagggg tagctggaag ggggtgtggaa gcactcaca 769
```

<210> 321

<211> 690

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 321

```
tgggctgtgg gcggcacctg tgctctgcag gccagacagc gatagaagcc tttgtctgtg 60
cctactcccc cggaggcaac tgggaggtca acgggaagac aatcatcccc tataagaagg 120
gtgcctgggtg ttgcctctgc acagccagtg tctcaggctg cttcaaagcc tgggaccatg 180
cagggggggtc ctgtgaggtc cccaggaatc cttgtcgcat gagctgccag aaccatggac 240
gtctcaacat cagcacctgc cactgccact gtccccctgg ctacacgggc agatactgcc 300
aagtgaggtg cagcctgcag tgtgtgcacg gccggttccg ggaggaggag tgctcgtgcg 360
tctgtgacat cggctacggg ggagcccagt gtgccaccaa ggtgcatttt cccttcaca 420
cctgtgacct gaggatcgac ggagactgct tcatggtgtc ttcagaggca gacacctatt 480
```

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```
<210> 322
<211> 104
<212> DNA
<213> Homo sapiens
```

```
<210> 323
<211> 118
<212> DNA
<213> Homo sapiens
```

```
<210> 324
<211> 354
<212> DNA
<213> Homo sapiens
```

```
<210> 325
<211> 642
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(642) .
<223> n = A,T,C or G
```

```
<400> 325
ncatgcttga atgggctcct ggtgagagat tgccccctgg tggtgaaaca atcgtgtgtg 60
cccaactgata ccaagaccaa tgaaagagac acagttaagc agcaatccat ctcatattcca 120
ggcacttcaa taggtcgctg attggtcctt gcaccagcag tggtagtcgt acctatttca 180
gagagggtctg aaattcaggt tcttagtttg ccagggacag gccctacctt atattttttt 240
```

```

ccatcttcat catccacttc tgcttacagt ttgctgctta caataactta atgatggatt 300
gagttatctg ggtggtctct agccatctgg gcagtgtggt tctgtctaac caaagggcat 360
tggcctcaaa ccttcgattt ggttttaggg ctaacagagc tcctcagata atcttcacac 420
acatgtaact gctggagatc ttattctatt atgaataaga aacgagaagt ttttccaaag 480
tgttagtcag gatctgaagg ctgtcattca gataaccagc cttttccttt tggcttttag 540
cccattcaga ctttgccaga gtcaagccaa ggattgcttt tttgctacag ttttctgcca 600
aatggcctag ttctgagta cctggaaacc agagagaaag ag 642

```

```

<210> 326
<211> 455
<212> DNA
<213> Homo sapiens

```

```

<400> 326
tccgtgagga tgagcttcga gtccttcacc aggcactgca ggggcacagt cacgtcaatc 60
accttcacct tctcgtctct cctgctcttg tcattgacaa acttcccgtg ccaggcattg 120
acgatgatga ggcccattct ggactcttct gcctcaatta tccttcggac agattcctgc 180
atcagccgga cagcggactc cgcctcttgc ttcttctgca gcacatcggg ggcggcgctt 240
tccctctgct tctccaatct cttctcttct tgagccctga ggtatggttt gatgatcaga 300
cggtgcatgg caaagtagac cactagaggg ccacgggtgg catagaacat ggcgctgggc 360
agaagctggg ccgtcaagtg aataggggaag aagtatgtct gactggccct gttgagcttg 420
actttgagag aaacgccttg tggaaactcca acgct 455

```

```

<210> 327
<211> 321
<212> DNA
<213> Homo sapiens

```

```

<400> 327
ttcactgtga actcgcagtc ctcgatgaac tcgcacagat gtgacagccc tgtctccttg 60
ctctctgagt tctcttcaat gatgctgatg atgcagtcca cgatagcgcg cttataactca 120
aagccaccct cttcccgtag catggtgaac aggaagttca taaggacggc gtgtttgcga 180
ggatatttct gacacagggc actgatggcc tggacaacca ccaccttgaa ttcattccgag 240
atttctgaca tgaaggagga gatctgcttc atgaggcggt cgatgctgct ctgctgccc 300
gtcttaagga ggggtggtgat g 321

```

```

<210> 328
<211> 476
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (476)
<223> n = A,T,C or G

```

```

<400> 328
tgcaggaggg gccatggggg ctgtgaatgg gatgcagccc catggtgtcc ctgataaata 60
cagtgtgcag tctgatgaag tctgggtggg tgtggtctac gggctggcag ctaccatgat 120
ccaagaggta atgcactcct tttcccatct ctccaccatc tgtatcctgg ccmagaaaaa 180
cttccttca aaccaaccaa aatttccttt caaaggcata acccaaatac catccttggt 240

```

```
<210> 329
<211> 340
<212> DNA
<213> Homo sapiens
```

```
<210> 330
<211> 277
<212> DNA
<213> Homo sapiens
```

```
<210> 331
<211> 136
<212> DNA
<213> Homo sapiens
```

```
<210> 332
<211> 184
<212> DNA
<213> Homo sapiens
```

```
<400> 332
ttgtgagata aacgcagata ctgcaatgca ttaaaacgct tgaaatactc atcaggggatg 60
ttgctgatct tattgttgct taagtagaga gttagaagag agacagggag accagaaggc 120
agtctggcta tctgattgaa gctcaagtca aggtattcga gtgatttaag acctttaaaa 180
gcag 184
```

<210> 333  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<400> 333  
 cggaaaactt cgaggaattg ctcaaagtgc tgggggtgaa tgtgatgctg aggaagattg 60  
 ctgtggctgc agcgtccaag ccagcagtgg agatcaaaca ggaggagagac actttctaca 120  
 tcaaaacctc caccaccgtg cgcaccacag agattaactt caagggtggg gaggagtttg 180  
 aggagcagac tgtggatggg aggccttgta agagcctggg gaaatgggag agtgagaata 240  
 aaatggtctg tgagcagaag ctctgaagg gagagggccc caagacctcg tggaccagag 300  
 aactgaccaa cgatggggaa ctgatcctga ccatgacggc ggatgacgtt gtgtgcacca 360  
 gggctctacgt ccgagagtga gcgg 384

<210> 334  
 <211> 169  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(169)  
 <223> n = A,T,C or G

<400> 334  
 cnacaaacag agcagacacc ctggatccgg tctgctact ggccaggacg gctggaccgt 60  
 aaaattgaat ttccacttcc tgaccgccgc cagaagagat tgattttctc cactatcact 120  
 agcaagatga acctctctga ggaggttgac ttggaagact atgtngccc 169

<210> 335  
 <211> 185  
 <212> DNA  
 <213> Homo sapiens

<400> 335  
 ccaggtttgc agcccagget gcacatcagg ggactgcctc gcaatacttc atgctgttgc 60  
 tgctgactga tgggtgctgtg acggatgtgg aagccacacg tgaggctgtg gtgcgtgcct 120  
 cgaacctgcc catgtcagtg atcattgtgg gtgtgggtgg tgctgacttt gaggccatgg 180  
 agcag 185

<210> 336  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 336

09636301 081000

```

ctgcccctgc cttacggcgg ccaganacac acccaggatg gcattggccc caaacttgga 60
tttgtttctca gtcccatcca actccagcat cagggttgccc agtttctctt gctccaccac 120
agagagacct gagctgatga gggctggcgc gatgggtggag ttgatgtggt ccaactgcctt 180
caggacacct ttgcctaagt aacgctgttt gtctccatcc ctcagctcca gggcctcata 240
gatgcccgtg gaggtccac tgggcaactgc agcccggaaa agacctttgg cagtatagag 300
atccacctcc actgtgggggt tcccgcggga gtccaggatc tcccgggccc agatcttc 358

```

<210> 337

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 337

```

cacaaagcca ccagccnggg aaatcagaat ttacttgatg caactgactt gtaatagcca 60
gaaatcctgc ccagcatggg attcagaacc tggctctgcaa ccaaatccac cgtcaaagtt 120
catacaggat aaaacaaatt caattgcctt ttccacatta atagcatcaa gcttccccaa 180
caaagccaaa gttgccaccg cacaaaaaga gaatcttggt tcaatttctc cctactttat 240
aaaagtagat ttttcacatc ccatgaagca g 271

```

<210> 338

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 338

```

ctgtgctccc gactngnnc a tctcaggtac caccgactgc actgggcggg gccctctggg 60
gggaaaggct ccacggggca gggatacatc tcgaggccag tcatcctctg gaggcagccc 120
aatcaggtca aagattttgc ccaactgggc ggcttcagag tttccacaga agagaggctt 180
tcgacgaaac atctctgcaa agatacagcc aacactccac atgtccacag gtgttgcata 240
tgtggactgc agaagaactt cgggagctcg gtaccagagt gtaacaacca cgggtgtaag 300
tgccatctgg tagctgtaga ttctgg 326

```

<210> 339

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(260)

<223> n = A,T,C or G

09636801.081000

&lt;400&gt; 339

```

ttcacctgag gactcatttc gtgccctttg ttgacttcaa gcaaagnctc tcanggtctn 60
caaggacgnc acattttcac ttgcgaatgn nctcanggct catcttgaag aanaagnanc 120
ccaagtgtcg gatcccagac tggggggtaa ccttggtggg aagagctcat ccagtttatg 180
ctttaggacg tccanctact cgggggagct ggaagcctgc gtggatgcgg cctgctgga 240
cctcggccgc gaccacgcta                                260

```

&lt;210&gt; 340

&lt;211&gt; 220

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(220)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 340

```

ctggaagccc ggctnggnct ggcagcggaa ggagccaggc aggttcacgc agcgggtgctg 60
gcagtagcgg tagcggcact cgtctatgtc cacacactcg ggcccgatct tgcggtaacc 120
atcagggcag gtgcactgat aggagccagg caagttatgg cagtctctggc tggggcgaca 180
gtcgtgcagg gcctgggcac actcgtccac atccacacag                                220

```

&lt;210&gt; 341

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 341

```

ctgctaccag gggagcgaga gctgactatc ccagcctcgg ctaatgtatt ctacgccatg 60
gatggagctt cacacgattt cctcctgcgg cagcggcgaa ggtcctctac tgctacaccg 120
ggcgtcacca gtggcccgtc tgctcagga actcctccga gtgagggagy agggggctcc 180
tttcccagga tcaaggccac agggaggaag attgcacggg cactgttctg aggaggaagc 240
cccgttggtt tacagaagtc atggtgttca taccagatgt gggtagccat cctgaatggt 300
ggcaattata tcacattgag acagaaattc agaaaggagg ccagccaccc tggggcagtg 360
aagtgccact ggtttaccag acag                                384

```

&lt;210&gt; 342

&lt;211&gt; 245

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 342

```

ctggctaagc tcatcattgt tactggtggg caccatgtcc ttgaagcttc aggcaagcaa 60
tgtaaccaac aagaatgacc ccaagtccat caactctcga gtcttcattg gaaacctcaa 120
cacagctctg gtgaagaaat cagatgtgga gaccatcttc tctaagtatg gccgtgtggc 180
cggctgttct gtgcacaagg gctatgcctt tgttcagtag tccaatgagc gccatgcccg 240
ggcag                                245

```

&lt;210&gt; 343



<211> 611  
 <212> DNA  
 <213> Homo sapiens

<400> 343  
 ccaaaaaaat caagatttaa tttttttatt tgcactgaaa aactaatcat aactgttaat 60  
 tctcagccat ctttgaagct tgaaagaaga gtcttttgta ttttgtaaac gtttagcagac 120  
 tttcctgccg gtgtcagaaa atcctattta tgaatcctgt cgggtattcct tgggtatctga 180  
 aaaaaatacc aaatagtacc atacatgagt tatttctaag ttgaaaaat aaaaagaaat 240  
 tgcacacac taattacaaa atacaagttc tggaaaaaat atttttcttc attttaaaac 300  
 tttttttaac taataatggc tttgaaagaa gaggttaat ttgggggtgg taactaaaat 360  
 caaaagaaat gattgacttg agggctctctg tttggtaaga atacatcatt agcttaaata 420  
 agcagcagaa ggtagttttt aattatgtag cttctgttaa tattaagtgt tttttgtctg 480  
 ttttacctca atttgaacag ataagtttgc ctgcatgctg gacatgcctc agaaccatga 540  
 atagcccgtg ctagatcttg ggaacatgga tcttagagtc ctttgggaata agttcttata 600  
 taaatacccc c 611

<210> 344  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(311)  
 <223> n = A,T,C or G

<400> 344  
 nctcgaaaaa gcccaagaca gcagaagcag acacctccag tgaactagca aagaaaagca 60  
 aagaagtatt cagaaaagag atgtcccagt tcatcgctccg gtgcctgaac ctttaccgga 120  
 aacctgactg caaagtggga agaattacca caactgaaga ctttaaacat ctggctcgca 180  
 agctgactca cgggtgttatg aataaggagc tgaagtactg taagaatcct gaggaactgg 240  
 agtgcaatga gaatgtgaaa cacaaaacca aggantacat taanaagtac atgcannan 300  
 tttggggctt g 311

<210> 345  
 <211> 201  
 <212> DNA  
 <213> Homo sapiens

<400> 345  
 cacacgggtca tcccgactgc caacctggag gcccaggccc tgtggaagga gccgggcagc 60  
 aatgtcacca tgagtgtgga tgetgagtgt gtgcccatgg tcagggaacct tctcaggtac 120  
 ttctactccc gaaggattga catcaccttg tctcagtcag agtgcttcca caagctggcc 180  
 tctgcctatg gggccaggca g 201

<210> 346  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

00636301.081000

&lt;400&gt; 346

```

ctgctccagg gcgtggtgtg ccttcgtggc ctctgcctcc tccgaggagc caggctgtgt 60
tctcttcaga atgttctgga gcagcagttt gaggcgggtg atgcgttgga agggcagaat 120
cagaaaggac ttgagggaaa ggcgctggca gacggggtcg ctctccagct tctccaagac 180
ctcccgaaa ttgctgttgc tattcatcag gctctggaag gtgcgttcct gataggctctg 240
gttggtgaca taaggcaggt agaccggcg gaagtctggg gcgtggttca ggactacgtc 300
acatacttgg aaggagaaga tattgttctc aaagttctct tccaggctctg aaaggaacgt 360
ggcgctgacg                                     370

```

&lt;210&gt; 347

&lt;211&gt; 416

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(416)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 347

```

ctgttgtgct gtgtatggac gtgggcttta ccatgagtaa ctccattcct ggtatagaat 60
ccccatttga acaagcaaag aaggtgataa ccatgtttgt acagcgacag gtgtttgctg 120
agaacaagga tgagattgct ttagtcctgt ttggtacaga tggcactgac aatccccctt 180
ctggtgggga tcagtatcag aacatcacag tgcacagaca tctgatgcta ccagattttg 240
atttgctgga ggacattgaa agcaaaatcc aaccaggttc tcaacaggct gacttctctg 300
atgcactaat cgtgagcatg gatgtgattc aacatgaaac aataggaaag aagtttgag 360
aagaggcata ttgaaatatt cactgacctc aagcagcccg attcagcaaa agtcan 416

```

&lt;210&gt; 348

&lt;211&gt; 351

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 348

```

gtacaggaga ggatggcagg tgcagagcgg gcactgagct ctgcagggtga aagggctcgg 60
cagttggatg ctctcttga ggctctgaaa ttgaaacggg caggaaatag tctggcagcc 120
tctacagcag aagaaacggc aggcagtgcc cagggacyag caggagacag atgccttcct 180
cttgtctcaa ctgcāaagag gcgttccttc ctctttcact aatcctcttc agcacagacc 240
ctttacgggt gtcaggctgg gggacagtaa ggtctttccc tccccacaag gccatatctc 300
aggctgtctc agtgggggga aaccttggaac aataccggg ctttcttggg c 351

```

&lt;210&gt; 349

&lt;211&gt; 207

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(207)

&lt;223&gt; n = A,T,C or G

009636801.081000

ctgcccacac	tgatcacttg	cgagatgtcc	ttagggtaca	agaacaggaa	ttgaagtctg	60
aatttgagca	gaacctgtct	gagaaaactct	ctgaacaaga	attacaattt	cgctcgtctca	120
gtcaagagca	agttgacaac	tttactctgg	atataaatac	tgcttatgcc	agactcagag	180
gaatcgaaca	ggctgttcag	agccatgcag	ttgctgaaga	ggaagccaga	aaagcccacc	240
aactctggct	ttcagtggag	gcattaaaagt	acagcatgaa	gacctcatct	gcagaaacac	300
ctactatccc	gctgggtagt	gcagttgagg	ccatcaaagc	caactgtttct	gataatgaat	360
tcacccaagc	tttaaccgca	gctatccctc	cagagtcctt	gacccgthgg	gtgtacagtg	420
aagagaccct	tagagcccg	ttctatgctg	ttcaaaaact	ggcccca		467

<210> 353  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 353  
 ctgctgcagc cacagtagtt cctcccatgg tgggtggccc tcttggtcct gctggcccag 60  
 gaaatctgtc cccaccagga acagcccttg gaaaacggcc cegtcctcta ccaccttggtg 120  
 gaaatgctgc acgggaactg cctcctggag gaccagcttt accttcccca gacatttggtc 180  
 ctgattgtgt agttttcctg gactgcattt caaattgact caggaactgt ttattgcatg 240  
 gagttacaac aggattctga ccatgaagtt ctcttttagg taacagatcc attaaactttt 300  
 ttgaagatgc ttcagatcca acaccaacaa gggcaaacc ctttgactgg 350

<210> 354  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 354  
 atttagatga gatctgaggg atggagacat ggagacagta tacagactcc tagattttaag 60  
 ttttaggttt tttgcttttc taatcaccaa ttcttatata caatgtatat tttagactcg 120  
 agcagatgat catcttcac ctaagtcatt ccttttgact gagtatggca ggattagagg 180  
 gaatggcagt atagatcaat gtctttttct gtaaagtata ggaaaaacca gagaggaaaa 240  
 aaagagctga caattggaag gtagtagaaa attgacgata atttcttctt aacaaataat 300  
 agttgtatat acaaggaggc tagtcaacca gattttattt gttgagggcg a 351

<210> 355  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<400> 355  
 ttttggcgca agttttacag attttattaa agtcgaagct attggtcttg gaagatgaaa 60  
 atgcaaattg tgatgaggtg gaattgaagc cagatacctt aataaaatta tatcttggtt 120  
 ataaaaataa gaaattaagg gttaacatca atgtgccaat gaaaaccgaa cagaagcagg 180  
 aacaagaaac cacacacaaa aacatcgagg aagaccgcaa actactgatt caggcggcca 240  
 tcgtgagaat catgaagatg aggaagggtc tgaaacacca gcagttactt ggcgaggtcc 300  
 tcactcag 308

<210> 356  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens

<400> 356  
 ctgtcccaag tgctcccaga aggcaggatt ctgaagacca ctccagcgat atgttcaact 60  
 atgaagaata ctgcaccgcc aacgcagtca ctgggccttg ccgtgcatcc tccccacgct 120  
 ggtactttga cgtggagagg aactcctgca ataacttcat ctatggaggc tgccggggca 180  
 ataagaacag ctaccgctct gaggagg 207

```
<400> 360
ctgttcctct ggggtggtcc agttctagag tgggagaaag ggagtcaggc gcattgggaa 60
tcgtggttcc agtctggttg cagaatctgc acatttgcca agaaattttc cctgtttgga 120
aaagtttgccc cagctttccc gggcacacca ccttttgtcc caagtgtctg cgggtcgacc 180
```

aatctgcctg ccacacattg accaagccag acccggttca cccagctcga ggatcccagg 240  
 ttgaagagtg gcccttgag gccctggaaa gaccaatcac tggacttctt ccccttgagag 300  
 tcagaggtca cccgtgattc tgctgcacc ttatcattga tctgcagtga tttctgcaaa 360  
 tcaagagaaa ctctgcaggg cactcccctg tttc 394

<210> 361  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 361  
 ctgggaggat agcaccgggc atattttntt natggatgag gtctggcacc ctgagcagtc 60  
 cagcgaggac ttggtcttag ttgagcaatt tggctaggag gatagtatgc agcacggttc 120  
 tgagtctgtg ggatagctgc catgaagtaa cctgaaggag gtgctggctg gtaggggttg 180  
 attacagggt tgggaacagc tcgtacactt gccattctct gcatatactg gttagtgagg 240  
 tgagcctggc gctcttcttt gcgctgagct aaagctacat acaatggctt tgtggacctc 300  
 ggccgcgacc acgctaagcc gaattccagc acactggcgg ccgttactag tggatccgag 360  
 ctcggtacca agcttggcgt aatcatggtc atag 394

<210> 362  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<400> 362  
 ctgcgcgtgg accagtcagc ttccgggtgt gactggagca gggcttctcg tcttcttcag 60  
 agtcactttg caggggttgg tgaagctgct cccatccatg tacagctccc agtctactga 120  
 tgtttaagga tggctcgggt ggtaggccc actagaataa actgagtcca atacctctac 180  
 acagttatgt ttaactgggc tctctgacac cgggaggaag gtggcggggg ttaggtgttg 240  
 caaacttcaa tggttatgcg gggatggt 268

<210> 363  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 363  
 ccttgacctt ttcagcaagt gggaagggtg aatccgtctc cacagacaag gccaggactc 60  
 gtttgtagcc gttgatgata gaatggggta ctgatgcaac agttgggtag ccaatctgca 120  
 gacagacact ggcaacattg cggacaccct ccaggaagcg agaatgcaga gtttcctctg 180  
 tgatatcaag cacttcaggg ttgtagatgc tgccattgtc gaacacctgc tggatgacca 240  
 gcccaaagga gaagggggag atgttgagca tgttcagcag cgtggcttcg ctggctccca 300  
 ctttgtctcc agtcttgatc aga 323

<210> 364  
 <211> 393

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(393)  
<223> n = A,T,C or G

<400> 364  
ccaagctctc catcgctccc gtgcgcagng gctactgggg gaacaagatc ggcaagcccc 60  
acactgtccc ttgcaagggtg acaggccgct ggggtctgt gctggtacgc ctcatcactg 120  
caccagggg cactggcacc gtctccgcac ctgtgcctaa gaagctgctc atgatggctg 180  
gcatcgatga ctgctacacc tcagcccggtg gctgcaetgc caccctgggc aacttcgcca 240  
aggccacctt tgatgccatt tctaagacct acagctacct gacccccgac ctctggaagg 300  
agactgtatt caccaagtct ccctatcagg agttcactga ccacctcgtc aagaccaca 360  
ccagagtctc cgtgcagcgg actcaggctc cag 393

<210> 365  
<211> 371  
<212> DNA  
<213> Homo sapiens

<400> 365  
cctcctcaga gcggtagctg ttcttattgc cccggcagcc tccatagatg aagttattgc 60  
aggagltcct ctccacgtca aagtaccagc gtgggaagga tgcacggcaa ggcccagtga 120  
ctgcgttggc ggtgcagtat tcttcatagt tgaacatata gctggagtgg tcttcagaat 180  
cctgccttct gggagcactt gggacagagg aatccgctgc attcctgctg gtggacctcg 240  
gccgcgacca cgttaagccg aattccagca cactggcggc cgttactagt ggatccgagc 300  
tcggtaccaa gcttggcgta atcatggtca tagctgttct ctgtgtgaaa ttgttatccg 360  
ctcacaattc c 371

<210> 366  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 366  
atttcttgcc agatgggagc tctttggtga agactccttt cgggaaaagt tttttggctt 60  
cttcttcagg gatggttgga aggaccatca cactatcccc atccttccaa tcaactgggg 120  
tggcaaccct tttttctgct gtcagctgga gagagatgac taccctgaga atctcatcaa 180  
agttcctgcc agtggtagct gggtagagga tagacagctt cagcttctta tcaggaccaa 240  
aaacaaacac cacacgagct gccacaggca tgcccttttc atccttctct gctggatcca 300  
gcatgcccaa caggatggca agctccgat tctatcatc gatgatggga aaaggtaact 360  
tttctgtggg ctcttcacaa ttgtaagcat tga 393

<210> 367  
<211> 327  
<212> DNA  
<213> Homo sapiens

<220>

000T80" T02SE560

<221> misc\_feature  
 <222> (1) ... (327)  
 <223> n = A,T,C or G

<400> 367  
 ccagctctgt ctcatacttg actctaaagt cttnagcagc aagacgggca ttgnnaatct 60  
 gcagaacgat gcgggcattg tccacagtat ttgcgaagat ctgagccctc aggtcctcga 120  
 tgatcttgaa gtaatggctc cagtctctga cctgggggtcc cttcttctcc aagtgcctcc 180  
 ggattttgct ctccagcctc cggttctcgg tctccaggct cctcactctg tccaggtaag 240  
 aggccaggcg gtctgtcagg ctttgcattg tctccttctc gttctggatg cctcccatc 300  
 ctgccagacc cccggtatc cgggtgg 327

<210> 368  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (306)  
 <223> n = A,T,C or G

<400> 368  
 ctggagaagg acttcagcag tttnaagaag tactgccaa gtcacccgtgt cattgcccac 60  
 acccagatgc gcctgcttcc tctgcgccag aagaaggccc acctgatgga gatccagggtg 120  
 aacggaggca ctgtggccga gaagctggac tgggcccgcg agaggcttga gcagcaggta 180  
 cctgtgaacc aagtgtttgg gcaggatgag atgacgcacg tcacggggtg gaccaagggc 240  
 aaaggctaca aaggggtcac cagtcgttgg cacaccaaga agctgccccg caagaccac 300  
 cgagga 306

<210> 369  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 369  
 tcgaccaca ccggaacacg gagagctggg ccagcattgg cacttgatag gatttcccgt 60  
 cggctgccac gaaagtgcgt ttctttgtgt tctcgggttg gaaccgtgat ttccacagac 120  
 ccttgaaata cactgcgttg acgaggacca gtctgggtgag cacaccatca ataagatctg 180  
 gggacagcag attgtcaatc atatccctgg ttctattttt aaccatgca ttgatggaat 240  
 cacaggcaga ggctggatcc tcaaagttca cattccggac ctcacactgg aacacatctt 300  
 tgttccttgt aacaaaaggc acttcaattt cagaggcatt cttaacaaac acggcggttag 360  
 ccactgtcac aatgtcttta ttcttcttgg agac 394

<210> 370  
 <211> 653  
 <212> DNA  
 <213> Homo sapiens

<400> 370  
 ccaccacacc caattccttg ctggtatcat ggcagccgcc acgtgccagg attaccggct 60

000T30T0089550



acatcatcaa gtatgagaag cctgggtctc ctcccagaga agtgggtccct cggtccccgcc 120  
 ctggtgtcac agaggctact attactggcc tggaaaccggg aaccgaatat acaatttatg 180  
 tcattgccct gaagaataat cagaagagcg agccctgat tggaggaaa aagacagacg 240  
 agcttccccca actggttaacc ctccacacc ccaattctca tggaccagag atcttggatg 300  
 ttcttccac agttcaaaag acccctttcg tcaccaccc tgggtatgac actggaaatg 360  
 gtattcagct tctggcact tctggtcagc aaccagtggt tgggcaacaa atgatctttg 420  
 aggaacatgg ttttaggcgg accacaccgc ccacaacggc ccccccata aggcataggc 480  
 caagaccata ccgcccgaat gtaggacaag aagctctctc tcagacaacc atctcatggg 540  
 cccattcca ggacattct gagtacatca ttcatgtca tctgttggc actgatgaag 600  
 aacccttaca gttcaggggt cctggaactt ctaccagtc cactctgaca gga 653

<210> 371

<211> 268

<212> DNA

<213> Homo sapiens

<400> 371

ctgcccagcc cccattggcg agtttgagaa ggtgtgcagc aatgacaaca agaccttcga 60  
 ctcttctgc cacttctttg ccacaaagt caccctggag ggcaccaaga agggccacaa 120  
 gctccacctg gactacatcg ggccttgcaa atacatcccc ccttgccctgg actctgagct 180  
 gaccgaattc cccctgcgca tgcgggactg gctcaagaac gtctgtgtca cctgtatga 240  
 gagggatgag gacaacaacc ttctgact 268

<210> 372

<211> 392

<212> DNA

<213> Homo sapiens

<400> 372

gctggtgccc ctggtgaacg tggacctcct ggattggcag gggccccagg acttagaggt 60  
 ggaactggtc cccctggtcc cgaaggagga aagggtgctg ctggtcctcc tgggccacct 120  
 ggtgctgctg gtactcctgg tctgcaagga atgcctggag aaagaggagg tcttggaggt 180  
 cctggtccaa agggtgacaa ggggtgaacca ggcggtccag gtgctgatgg tgtccagggt 240  
 aaagatggcc caaggggtcc tactggtcct attggtcctc ctggcccagc tggccagcct 300  
 ggagataagg gtgaagggtg tgcctccgga cttccaggta tagctggacc tcgtggtagc 360  
 cctggtgaga gaggtgaaac ctgcggccgc ac 392

<210> 373

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 373

ccaagcgctc agatcggcaa ggggcaccan ttttgatctg cccagtgcac agccccacaa 60  
 ccaggtcagc gatgaaggta tcttcagtct cccccgaacg atgagacacc atgacgcccc 120  
 aaccattggc ctgggcccagc ttgcacgcct gaagagactc ggtcacggag ccaatctggt 180

tgactttgag caggaggcag ttgcaggact tctcgttcac ggccttggcg atcctctttg 240  
 ggttggtcac tgtgagatca tccccacta cctggattcc tgcactggct gtgaacttct 300  
 gccaaagctcc ccagtcaccc ttggtcaaagg gatcttcgat agacaccact gggtagtcct 360  
 tgatgaagga cttgtacagg tcagccag 388

<210> 374

<211> 393

<212> DNA

<213> Homo sapiens

<400> 374

ctgacgaccg cgtgaacccc tgcattgggg gtgtcatcct cttccatgag acactctacc 60  
 agaaggcgga tgatgggcgt ccttcccccc aagttatcaa atccaagggc ggtgttgtgg 120  
 gcatcaaggt agacaagggc gtggtcccccc tggcagggac aaatggcgag actaccaccc 180  
 aaggggttga tgggctgtct gagcgtgtg cccagtacaa gaaggacgga gctgacttcg 240  
 ccaagtggcg ttgtgtgctg aagattgggg aacacacccc ctgagccctc gccatcatgg 300  
 aaaatgccaa tgttctggcc cgttatgcca gtatctgcca gcagaatggc attgtgcccc 360  
 tcgtggagcc tgagatcctc cctgatgggg acc 393

<210> 375

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (394)

<223> n = A,T,C or G

<400> 375

ccacaaatgg cgtgggtccat gtcataccn ttnttctgca gcctccagcc aacagacctc 60  
 aggaaagagg ggatgaactt gcagactctg cgcttgagat cttcaaaca gcatcagcgt 120  
 ttccagggc ttcccagagg tctgtgcgac tagccctgt ctatcaaaag ttattagaga 180  
 ggatgaagca ttagcttgaa gcactacagg aggaatgcac cacggcagct ctccgccaat 240  
 ttctctcaga ttccacaga gactgtttga atgttttcaa aaccaagtat cacacttta 300  
 tgtacatggg ccgcaccata atgagatgtg agccttgtgc atgtggggga ggaggagag 360  
 agatgtactt tttaaatacat gttcccccta aaca 394

<210> 376

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (392)

<223> n = A,T,C or G

<400> 376

ctgcccagcc ccattggcg agtttgattn ggtgtgcagc aatgacaaca agaccttcga 60  
 ctcttctgc cacttctttg ccacaaagtg caccctggag ggcaccaaga agggccacaa 120

000T20" T089E960

gctccacctg gactacatcg ggccttgcaa atacatcccc ccttgccctgg actctgagct 180  
gaccgaattc cccctgcgca tgcgggactg gctcaagaac gtccctggta cccctgtatga 240  
gagggatgag gacaacaacc ttctgactga gaagcagaag ctgcgggtga agaagatcca 300  
tgagaatgag aagcgccctgg aggcaggaga ccaccccgctg gagctgctgg cccgggactt 360  
cgagaagaac tataacatgt acatcttccc tg 392

<210> 377

<211> 292

<212> DNA

<213> Homo sapiens

<400> 377

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ttgaagtgtt gcatgggcat gtgtgggaaa tccctgcgttt cccctgtgaa agcttgattc 120  
ctgccatatg gaggaggctc tggagtcctg ctctgtgtgg tccaggctct tccaccctg 180  
agacttggct ccaccactga taccctcctt tggggaaagg cttggcacac agcaggcttt 240  
caagaagtgc cagttgatca atgaataaat aaacgagcct atttctcttt gc 292

<210> 378

<211> 395

<212> DNA

<213> Homo sapiens

<400> 378

ctgctgcttc agcgaagggt ttctggcata tccaatgata aggctgccaa agactgttcc 60  
aataccagca ccagaaccag ccactcctac tgttgacgca cctgcaccaa taaatttggc 120  
agcagtatca atgtctctgc tgattgcact ggtctgaaac tccctttgga ttagctgaga 180  
cacaccattc tgggccctga ttttcctaag atagaactcc aactctttgc cctctagcac 240  
atagccatct gctcgccac actgtcccgg ccttgaagcg atgcacgcaa gaagcttgcc 300  
ctgctggaac tgctcctcca ggagactgct gattttggca ttctttttcc tttcatcata 360  
tttcttctga attttttaga tcgttttttg ttttaa 395

<210> 379

<211> 223

<212> DNA

<213> Homo sapiens

<400> 379

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agctccagcc accaccaggc tgagcagtga ggagagaaag tttctgcctg gccctgcatc 120  
tggttccagc ccacctgccc tccccttttt cgggactctg tattccctct tgggctgacc 180  
acagcttctc cctttcccaa ccaataaagt aaccactttc agc 223

<210> 380

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(317)

000730-091000

<223> n = A,T,C or G

<400> 380

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gggtgcagga gaacaaggta gaccagtgag gcagaatatg tatcggggat atagaccacg 120
attccgcagg ggccctcctc gccaaagaca gcctagagag gacggcaatg aagaagataa 180
agaaaatcaa ggagatgaga cccaagggtca gcagccacct caacgtcggg accgccgcaa 240
cttcaattac cgacgcagac gccccagaaa ccctaaacca caagatggca aagagacaaa 300
agcagccgat ccaccag                                     317
```

<210> 381

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (392)

<223> n = A,T,C or G

<400> 381

```
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gggccaagtg ggaggccagg tcagtgtgga ggtggattcc gctccgggca ccgatctcgc 120
caagatcctg agtgacatgc gaagccaata tgaggatcat gccgagcaga accggaagga 180
tgetgaagcc tggttcacca gccggactga agaattgaac cgggaggtcg ctggccacac 240
ggagcagctc cagatgagca ggtccgaggt tactgacctg cggcgacccc ttcaggggtc 300
tgagattgag ctgcagtcac agacctcggc cgcgaccacg ctaagccgaa ttccagcaca 360
ctggcgggcg ttactagtgg atccgagctc gg                                     392
```

<210> 382

<211> 234

<212> DNA

<213> Homo sapiens

<400> 382

```
cctcgatgtc taaatgagcg tggtaaagga tgggtgcctgc tgggggtctcg tagatacctc 60
gggacttcat tccaatgaag cggttctcca cgatgtcaat acggcccacg ccatgcttgc 120
ccgcgacttc gttcaggtac atgaagagct ccaaggaggt ctggtgggtg gtgccatcct 180
tgacgttggt caccttcaca gggacccctt ttttgaactc catctccaga atgt       234
```

<210> 383

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (396)

<223> n = A,T,C or G

<400> 383

00636001.001000

```
<210> 384
<211> 396
<212> DNA
<213> Homo sapiens
```

```
<210> 385
<211> 2943
<212> DNA
<213> Homo sapiens
```

<400>	385						
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cctacaccct	ggacagggac	agtctctatg	tcaatggttt	cacacagcgg	agctctgtgc	180	
ccaccactag	cattcctggg	acccccacag	tggacctggg	aacatctggg	actccagttt	240	
ctaaacctgg	tcctctggct	gccagccctc	tcctgggtgt	attcactctc	aacttcacca	300	
tcaccaacct	gcggtatgag	gagaacatgc	agcaccctgg	ctccaggaag	ttcaaacacca	360	
cggagagggt	ccttcagggc	ctggtccttg	ttcaagagca	ccagtgttgg	ccctctgtac	420	
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gccatctgca	cccaccaccc	tgaccccaaa	agccctaggc	tggacagaga	gcagctgtat	540	
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 gagctgagtc agctgaccca tgggtgcacc caactgggct tctatgtcct ggacagggat 1920  
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 cgggtgctgg ggtgccttcc cccagccag ggtccaaaga agcttggctg gggcagaaat 2880  
 aaacatatt ggtcgaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2940  
 aaa 2943

<210> 386  
 <211> 2608  
 <212> DNA  
 <213> Homo sapiens

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 aagccctagg ctggacagag agcagctgta ttgggagctg agccagctga cccacaatat 180  
 cactgagctg ggcccctatg ccctggacaa cgacagcctc tttgtcaatg gtttctactca 240  
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 taagactcca gcctcgatat ttggcccttc agctgccagc catctcctga tactattcac 360  
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 gttcaacact acagagaggg tccttcaggg cctgctaagg ccttgttca agaaccagg 480  
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 cagagagcag ctgtatttgg agctgagcca gctgaccac agcatcactg agctggggcc 660  
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 caccaccagc accggggtgg tcagcgagga gccattcaca ctgaacttca ccatcaacaa 780  
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<210> 387
<211> 1761
<212> DNA
<213> Homo sapiens
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<400> 387						
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```

accagttggt ggacatccat gtgacagaaa tggagtcac agtttatcaa ccaacaagca 1080
gctccagcac ccagcacttc tacctgaatt tcaccatcac caacctacca tattcccagg 1140
acaaagccca gccaggcacc accaattacc agaggaacaa aaggaatatt gaggatgcgc 1200
tcaaccaact cttccgaaac agcagcatca agagttattt ttctgactgt caagtttcaa 1260
cattcaggtc tgtccccaac aggcaccaca ccgggggtgga ctccctgtgt aacttctcgc 1320
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ggacacaaaa aaaaaaaaaa a 1761

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&lt;210&gt; 388

&lt;211&gt; 772

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 388

```

Met Ser Met Val Ser His Ser Gly Ala Leu Cys Pro Pro Leu Ala Phe
          5              10              15

```

```

Leu Gly Pro Pro Gln Trp Thr Trp Glu His Leu Gly Leu Gln Phe Leu
          20              25              30

```

```

Asn Leu Val Pro Arg Leu Pro Ala Leu Ser Trp Cys Tyr Ser Leu Ser
          35              40              45

```

```

Thr Ser Pro Ser Pro Thr Cys Gly Met Arg Arg Thr Cys Ser Thr Leu
          50              55              60

```

```

Ala Pro Gly Ser Ser Thr Pro Arg Arg Gly Ser Phe Arg Ala Trp Ser
          65              70              75              80

```

```

Leu Phe Lys Ser Thr Ser Val Gly Pro Leu Tyr Ser Gly Cys Arg Leu
          85              90              95

```

```

Thr Leu Leu Arg Pro Glu Lys Asp Gly Thr Ala Thr Gly Val Asp Ala
          100             105             110

```

```

Ile Cys Thr His His Pro Asp Pro Lys Ser Pro Arg Leu Asp Arg Glu
          115             120             125

```

```

Gln Leu Tyr Trp Glu Leu Ser Gln Leu Thr His Asn Ile Thr Glu Leu
          130             135             140

```

```

Gly Pro Tyr Ala Leu Asp Asn Asp Ser Leu Phe Val Asn Gly Phe Thr
          145             150             155             160

```

```

His Arg Ser Ser Val Ser Thr Thr Ser Thr Pro Gly Thr Pro Thr Val

```

000T80" T039E960



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			180					185					190			
Ala	Ser	His	Leu	Leu	Ile	Leu	Phe	Thr	Leu	Asn	Phe	Thr	Ile	Thr	Asn	
		195					200					205				
Leu	Arg	Tyr	Glu	Glu	Asn	Met	Trp	Pro	Gly	Ser	Arg	Lys	Phe	Asn	Thr	
	210					215					220					
Thr	Glu	Arg	Val	Leu	Gln	Gly	Leu	Leu	Arg	Pro	Leu	Phe	Lys	Asn	Thr	
225					230					235					240	
Ser	Val	Gly	Pro	Leu	Tyr	Ser	Gly	Cys	Arg	Leu	Thr	Leu	Leu	Arg	Pro	
				245					250					255		
Glu	Lys	Asp	Gly	Glu	Ala	Thr	Gly	Val	Asp	Ala	Ile	Cys	Thr	His	Arg	
			260					265					270			
Pro	Asp	Pro	Thr	Gly	Pro	Gly	Leu	Asp	Arg	Glu	Gln	Leu	Tyr	Leu	Glu	
		275					280					285				
Leu	Ser	Gln	Leu	Thr	His	Ser	Ile	Thr	Glu	Leu	Gly	Pro	Tyr	Thr	Leu	
	290					295					300					
Asp	Arg	Asp	Ser	Leu	Tyr	Val	Asn	Gly	Phe	Thr	His	Arg	Ser	Ser	Val	
305					310					315					320	
Pro	Thr	Thr	Ser	Thr	Gly	Val	Val	Ser	Glu	Glu	Pro	Phe	Thr	Leu	Asn	
				325					330					335		
Phe	Thr	Ile	Asn	Asn	Leu	Arg	Tyr	Met	Ala	Asp	Met	Gly	Gln	Pro	Gly	
			340					345					350			
Ser	Leu	Lys	Phe	Asn	Ile	Thr	Asp	Asn	Val	Met	Lys	His	Leu	Leu	Ser	
		355					360					365				
Pro	Leu	Phe	Gln	Arg	Ser	Ser	Leu	Gly	Ala	Arg	Tyr	Thr	Gly	Cys	Arg	
	370					375					380					
Val	Ile	Ala	Leu	Arg	Ser	Val	Lys	Asn	Gly	Ala	Glu	Thr	Arg	Val	Asp	
385					390					395					400	
Leu	Leu	Cys	Thr	Tyr	Leu	Gln	Pro	Leu	Ser	Gly	Pro	Gly	Leu	Pro	Ile	
				405					410					415		
Lys	Gln	Val	Phe	His	Glu	Leu	Ser	Gln	Gln	Thr	His	Gly	Ile	Thr	Arg	
			420					425					430			
Leu	Gly	Pro	Tyr	Ser	Leu	Asp	Lys	Asp	Ser	Leu	Tyr	Leu	Asn	Gly	Tyr	

435                      440                      445  
 Asn Glu Pro Gly Pro Asp Glu Pro Pro Thr Thr Pro Lys Pro Ala Thr  
 450                      455                      460  
 Thr Phe Leu Pro Pro Leu Ser Glu Ala Thr Thr Ala Met Gly Tyr His  
 465                      470                      475                      480  
 Leu Lys Thr Leu Thr Leu Asn Phe Thr Ile Ser Asn Leu Gln Tyr Ser  
 485                      490                      495  
 Pro Asp Met Gly Lys Gly Ser Ala Thr Phe Asn Ser Thr Glu Gly Val  
 500                      505                      510  
 Leu Gln His Leu Leu Arg Pro Leu Phe Gln Lys Ser Ser Met Gly Pro  
 515                      520                      525  
 Phe Tyr Leu Gly Cys Gln Leu Ile Ser Leu Arg Pro Glu Lys Asp Gly  
 530                      535                      540  
 Ala Ala Thr Gly Val Asp Thr Thr Cys Thr Tyr His Pro Asp Pro Val  
 545                      550                      555                      560  
 Gly Pro Gly Leu Asp Ile Gln Gln Leu Tyr Trp Glu Leu Ser Gln Leu  
 565                      570                      575  
 Thr His Gly Val Thr Gln Leu Gly Phe Tyr Val Leu Asp Arg Asp Ser  
 580                      585                      590  
 Leu Phe Ile Asn Gly Tyr Ala Pro Gln Asn Leu Ser Ile Arg Gly Glu  
 595                      600                      605  
 Tyr Gln Ile Asn Phe His Ile Val Asn Trp Asn Leu Ser Asn Pro Asp  
 610                      615                      620  
 Pro Thr Ser Ser Glu Tyr Ile Thr Leu Leu Arg Asp Ile Gln Asp Lys  
 625                      630                      635                      640  
 Val Thr Thr Leu Tyr Lys Gly Ser Gln Leu His Asp Thr Phe Arg Phe  
 645                      650                      655  
 Cys Leu Val Thr Asn Leu Thr Met Asp Ser Val Leu Val Thr Val Lys  
 660                      665                      670  
 Ala Leu Phe Ser Ser Asn Leu Asp Pro Ser Leu Val Glu Gln Val Phe  
 675                      680                      685  
 Leu Asp Lys Thr Leu Asn Ala Ser Phe His Trp Leu Gly Ser Thr Tyr  
 690                      695                      700  
 Gln Leu Val Asp Ile His Val Thr Glu Met Glu Ser Ser Val Tyr Gln

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705                      710                      715                      720  
 Pro Thr Ser Ser Ser Ser Thr Gln His Phe Tyr Leu Asn Phe Thr Ile  
                                  725                      730                      735  
 Thr Asn Leu Pro Tyr Ser Gln Asp Lys Ala Gln Pro Gly Thr Thr Asn  
                                  740                      745                      750  
 Tyr Gln Arg Asn Lys Arg Asn Ile Glu Asp Ala Ala Pro His Arg Gly  
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 Gly Leu Pro Val  
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 Cys Thr His His Pro Asp Pro Lys Ser Pro Arg Leu Asp Arg Glu Gln  
                                  35                      40                      45  
 Leu Tyr Trp Glu Leu Ser Gln Leu Thr His Asn Ile Thr Glu Leu Gly  
                                  50                      55                      60  
 Pro Tyr Ala Leu Asp Asn Asp Ser Leu Phe Val Asn Gly Phe Thr His  
                                  65                      70                      75                      80  
 Arg Ser Ser Val Ser Thr Thr Ser Thr Pro Gly Thr Pro Thr Val Tyr  
                                  85                      90                      95  
 Leu Gly Ala Ser Lys Thr Pro Ala Ser Ile Phe Gly Pro Ser Ala Ala  
                                  100                      105                      110  
 Ser His Leu Leu Ile Leu Phe Thr Leu Asn Phe Thr Ile Thr Asn Leu  
                                  115                      120                      125  
 Arg Tyr Glu Glu Asn Met Trp Pro Gly Ser Arg Lys Phe Asn Thr Thr  
                                  130                      135                      140  
 Glu Arg Val Leu Gln Gly Leu Leu Arg Pro Leu Phe Lys Asn Thr Ser  
                                  145                      150                      155                      160

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Val Gly Pro Leu Tyr Ser Gly Cys Arg Leu Thr Leu Leu Arg Pro Glu  
 165 170 175  
 Lys Asp Gly Glu Ala Thr Gly Val Asp Ala Ile Cys Thr His Arg Pro  
 180 185 190  
 Asp Pro Thr Gly Pro Gly Leu Asp Arg Glu Gln Leu Tyr Leu Glu Leu  
 195 200 205  
 Ser Gln Leu Thr His Ser Ile Thr Glu Leu Gly Pro Tyr Thr Leu Asp  
 210 215 220  
 Arg Asp Ser Leu Tyr Val Asn Gly Phe Thr His Arg Ser Ser Val Pro  
 225 230 235 240  
 Thr Thr Ser Thr Gly Val Val Ser Glu Glu Pro Phe Thr Leu Asn Phe  
 245 250 255  
 Thr Ile Asn Asn Leu Arg Tyr Met Ala Asp Met Gly Gln Pro Gly Ser  
 260 265 270  
 Leu Lys Phe Asn Ile Thr Asp Asn Val Met Lys His Leu Leu Ser Pro  
 275 280 285  
 Leu Phe Gln Arg Ser Ser Leu Gly Ala Arg Tyr Thr Gly Cys Arg Val  
 290 295 300  
 Ile Ala Leu Arg Ser Val Lys Asn Gly Ala Glu Thr Arg Val Asp Leu  
 305 310 315 320  
 Leu Cys Thr Tyr Leu Gln Pro Leu Ser Gly Pro Gly Leu Pro Ile Lys  
 325 330 335  
 Gln Val Phe His Glu Leu Ser Gln Gln Thr His Gly Ile Thr Arg Leu  
 340 345 350  
 Gly Pro Tyr Ser Leu Asp Lys Asp Ser Leu Tyr Leu Asn Gly Tyr Asn  
 355 360 365  
 Glu Pro Gly Pro Asp Glu Pro Pro Thr Thr Pro Lys Pro Ala Thr Thr  
 370 375 380  
 Phe Leu Pro Pro Leu Ser Glu Ala Thr Thr Ala Met Gly Tyr His Leu  
 385 390 395 400  
 Lys Thr Leu Thr Leu Asn Phe Thr Ile Ser Asn Leu Gln Tyr Ser Pro  
 405 410 415  
 Asp Met Gly Lys Gly Ser Ala Thr Phe Asn Ser Thr Glu Gly Val Leu  
 420 425 430

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Gln His Leu Leu Arg Pro Leu Phe Gln Lys Ser Ser Met Gly Pro Phe  
 435 440 445  
 Tyr Leu Gly Cys Gln Leu Ile Ser Leu Arg Pro Glu Lys Asp Gly Ala  
 450 455 460  
 Ala Thr Gly Val Asp Thr Thr Cys Thr Tyr His Pro Asp Pro Val Gly  
 465 470 475 480  
 Pro Gly Leu Asp Ile Gln Gln Leu Tyr Trp Glu Leu Ser Gln Leu Thr  
 485 490 495  
 His Gly Val Thr Gln Leu Gly Phe Tyr Val Leu Asp Arg Asp Ser Leu  
 500 505 510  
 Phe Ile Asn Gly Tyr Ala Pro Gln Asn Leu Ser Ile Arg Gly Glu Tyr  
 515 520 525  
 Gln Ile Asn Phe His Ile Val Asn Trp Asn Leu Ser Asn Pro Asp Pro  
 530 535 540  
 Thr Ser Ser Glu Tyr Ile Thr Leu Leu Arg Asp Ile Gln Asp Lys Val  
 545 550 555 560  
 Thr Thr Leu Tyr Lys Gly Ser Gln Leu His Asp Thr Phe Arg Phe Cys  
 565 570 575  
 Leu Val Thr Asn Leu Thr Met Asp Ser Val Leu Val Thr Val Lys Ala  
 580 585 590  
 Leu Phe Ser Ser Asn Leu Asp Pro Ser Leu Val Glu Gln Val Phe Leu  
 595 600 605  
 Asp Lys Thr Leu Asn Ala Ser Phe His Trp Leu Gly Ser Thr Tyr Gln  
 610 615 620  
 Leu Val Asp Ile His Val Thr Glu Met Glu Ser Ser Val Tyr Gln Pro  
 625 630 635 640  
 Thr Ser Ser Ser Ser Thr Gln His Phe Tyr Leu Asn Phe Thr Ile Thr  
 645 650 655  
 Asn Leu Pro Tyr Ser Gln Asp Lys Ala Gln Pro Gly Thr Thr Asn Tyr  
 660 665 670  
 Gln Arg Asn Lys Arg Asn Ile Glu Asp Ala Leu Asn Gln Leu Phe Arg  
 675 680 685  
 Asn Ser Ser Ile Lys Ser Tyr Phe Ser Asp Cys Gln Val Ser Thr Phe  
 690 695 700

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Leu Ser Gln Leu Thr His Gly Val Thr Gln Leu Gly Phe Tyr Val Leu  
 100 105 110  
 Asp Arg Asp Ser Leu Phe Ile Asn Gly Tyr Ala Pro Gln Asn Leu Ser  
 115 120 125  
 Ile Arg Gly Glu Tyr Gln Ile Asn Phe His Ile Val Asn Trp Asn Leu  
 130 135 140  
 Ser Asn Pro Asp Pro Thr Ser Ser Glu Tyr Ile Thr Leu Leu Arg Asp  
 145 150 155 160  
 Ile Gln Asp Lys Val Thr Thr Leu Tyr Lys Gly Ser Gln Leu His Asp  
 165 170 175  
 Thr Phe Arg Phe Cys Leu Val Thr Asn Leu Thr Met Asp Ser Val Leu  
 180 185 190  
 Val Thr Val Lys Ala Leu Phe Ser Ser Asn Leu Asp Pro Ser Leu Val  
 195 200 205  
 Glu Gln Val Phe Leu Asp Lys Thr Leu Asn Ala Ser Phe His Trp Leu  
 210 215 220  
 Gly Ser Thr Tyr Gln Leu Val Asp Ile His Val Thr Glu Met Glu Ser  
 225 230 235 240  
 Ser Val Tyr Gln Pro Thr Ser Ser Ser Thr Gln His Phe Tyr Leu  
 245 250 255  
 Asn Phe Thr Ile Thr Asn Leu Pro Tyr Ser Gln Asp Lys Ala Gln Pro  
 260 265 270  
 Gly Thr Thr Asn Tyr Gln Arg Asn Lys Arg Asn Ile Glu Asp Ala Leu  
 275 280 285  
 Asn Gln Leu Phe Arg Asn Ser Ser Ile Lys Ser Tyr Phe Ser Asp Cys  
 290 295 300  
 Gln Val Ser Thr Phe Arg Ser Val Pro Asn Arg His His Thr Gly Val  
 305 310 315 320  
 Asp Ser Leu Cys Asn Phe Ser Pro Leu Ala Arg Arg Val Asp Arg Val  
 325 330 335  
 Ala Ile Tyr Glu Glu Phe Leu Arg Met Thr Arg Asn Gly Thr Gln Leu  
 340 345 350  
 Gln Asn Phe Thr Leu Asp Arg Ser Ser Val Leu Val Asp Gly Tyr Phe  
 355 360 365

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tagcatcatc	attattcttg	ctggagcaat	tgcactcctc	attggctttg	gtatttcagg	180
gagacactcc	atcacagtca	ctactgtcgc	ctcagctggg	aacattgggg	aggatggaat	240
cctgagctgc	acttttgaac	ctgacatcaa	actttctgat	atcgtgatac	aatggctgaa	300
ggaagggtgt	ttaggcttgg	tccatgagtt	caaagaaggc	aaagatgagc	tgtcggagca	360
ggatgaaatg	ttcagaggcc	ggacagcagt	gtttgctgat	caagtgatag	ttggcaatgc	420
ctctttgcgg	ctgaaaaacg	tgcaactcac	agatgctggc	acctacaaat	gttatatcat	480
cacttctaaa	ggcaaggggg	atgctaacct	tgagtataaa	actggagcct	tcagcatgcc	540
ggaagtgaat	gtggactata	atgccagctc	agagaccttg	cgggtgtgagg	ctccccgatg	600
gttccccccag	cccacagtg	tctgggcctc	ccaagttgac	cagggagcca	acttctcgga	660
agtctccaat	accagctttg	agctgaactc	tgagaatgtg	accatgaagg	ttgtgtctgt	720
gctctacaat	gttacgatca	acaacacata	ctcctgtatg	attgaaaatg	acattgccaa	780
agcaacaggg	gatatcaaag	tgacagaatc	ggagatcaaa	aggcggagtc	acctacagct	840
gctaaaactca	aaggcttctc	tgtgtgtctc	ttctttcttt	gccatcagct	gggcacttct	900
gcctctcagc	ccttacctga	tgctaaaata	atgtgccttg	gccacaaaaa	agcatgcaaa	960
gtcattgtta	caacagggat	ctacagaact	atttcaccac	cagatatgac	ctagttttat	1020
atttctggga	ggaaatgaat	tcatatctag	aagtctggag	tgagcaaaac	agagcaagaa	1080
acaaaaagaa	gccaaaagca	gaaggctcca	atatgaacaa	gataaatcta	tcttcaaaga	1140
catattagaa	gttgggaaaa	taattcatgt	gaactagaca	agtgtgttaa	gagtgataag	1200
taaaatgcac	gtggagacaa	gtgcatcccc	agatctcagg	gacctcccc	tgctgtcac	1260
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aaagggtgcct	tggttctctc	tcccaactga	caaatgccaa	agttgagaaa	aatgatcata	1560
attttagcat	aaacagagca	gtcggcgaca	ccgattttat	aaataaactg	agcaccttct	1620
ttttaaacaa	acaaatgcgg	gtttatttct	cagatgatgt	tcacccgtga	atgggtccagg	1680
gaaggacctt	tcaccttgac	tatatggcat	tatgtcatca	caagctctga	ggcttctcct	1740





Thr Ser Lys Gly Lys Gly Asn Ala Asn Leu Glu Tyr Lys Thr Gly Ala  
165 170 175

Phe Ser Met Pro Glu Val Asn Val Asp Tyr Asn Ala Ser Ser Glu Thr  
180 185 190

Leu Arg Cys Glu Ala Pro Arg Trp Phe Pro Gln Pro Thr Val Val Trp  
195 200 205

Ala Ser Gln Val Asp Gln Gly Ala Asn Phe Ser Glu Val Ser Asn Thr  
210 215 220

Ser Phe Glu Leu Asn Ser Glu Asn Val Thr Met Lys Val Val Ser Val  
225 230 235 240

Leu Tyr Asn Val Thr Ile Asn Asn Thr Tyr Ser Cys Met Ile Glu Asn  
245 250 255

Asp Ile Ala Lys Ala Thr Gly Asp Ile Lys Val Thr Glu Ser Glu Ile  
260 265 270

Lys Arg Arg Ser His Leu Gln Leu Leu Asn Ser Lys Ala Ser Leu Cys  
275 280 285

Val Ser Ser Phe Phe Ala Ile Ser Trp Ala Leu Leu Pro Leu Ser Pro  
290 295 300

Tyr Leu Met Leu Lys  
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<211> 282

<212> PRT

<213> Homo sapiens

<400> 393

Met Ala Ser Leu Gly Gln Ile Leu Phe Trp Ser Ile Ile Ser Ile Ile  
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Ile Ile Leu Ala Gly Ala Ile Ala Leu Ile Ile Gly Phe Gly Ile Ser  
20 25 30

Gly Arg His Ser Ile Thr Val Thr Thr Val Ala Ser Ala Gly Asn Ile  
35 40 45

Gly Glu Asp Gly Ile Leu Ser Cys Thr Phe Glu Pro Asp Ile Lys Leu  
50 55 60

Ser Asp Ile Val Ile Gln Trp Leu Lys Glu Gly Val Leu Gly Leu Val

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65					70					75					80				
His	Glu	Phe	Lys	Glu	Gly	Lys	Asp	Glu	Leu	Ser	Glu	Gln	Asp	Glu	Met				
				85					90									95	
Phe	Arg	Gly	Arg	Thr	Ala	Val	Phe	Ala	Asp	Gln	Val	Ile	Val	Gly	Asn				
			100					105					110						
Ala	Ser	Leu	Arg	Leu	Lys	Asn	Val	Gln	Leu	Thr	Asp	Ala	Gly	Thr	Tyr				
			115				120					125							
Lys	Cys	Tyr	Ile	Ile	Thr	Ser	Lys	Gly	Lys	Gly	Asn	Ala	Asn	Leu	Glu				
			130				135					140							
Tyr	Lys	Thr	Gly	Ala	Phe	Ser	Met	Pro	Glu	Val	Asn	Val	Asp	Tyr	Asn				
					150						155							160	
Ala	Ser	Ser	Glu	Thr	Leu	Arg	Cys	Glu	Ala	Pro	Arg	Trp	Phe	Pro	Gln				
				165					170					175					
Pro	Thr	Val	Val	Trp	Ala	Ser	Gln	Val	Asp	Gln	Gly	Ala	Asn	Phe	Ser				
			180					185					190						
Glu	Val	Ser	Asn	Thr	Ser	Phe	Glu	Leu	Asn	Ser	Glu	Asn	Val	Thr	Met				
			195				200					205							
Lys	Val	Val	Ser	Val	Leu	Tyr	Asn	Val	Thr	Ile	Asn	Asn	Thr	Tyr	Ser				
							215					220							
Cys	Met	Ile	Glu	Asn	Asp	Ile	Ala	Lys	Ala	Thr	Gly	Asp	Ile	Lys	Val				
					230						235				240				
Thr	Glu	Ser	Glu	Ile	Lys	Arg	Arg	Ser	His	Leu	Gln	Leu	Leu	Asn	Ser				
				245					250					255					
Lys	Ala	Ser	Leu	Cys	Val	Ser	Ser	Phe	Phe	Ala	Ile	Ser	Trp	Ala	Leu				
				260				265					270						
Leu	Pro	Leu	Ser	Pro	Tyr	Leu	Met	Leu	Lys										
				275			280												
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<211> 20																			
<212> PRT																			
<213> Homo sapiens																			
<400> 394																			
Met	Ala	Ser	Leu	Gly	Gln	Ile	Leu	Phe	Trp	Ser	Ile	Ile	Ser	Ile	Ile				
1				5					10					15					
Ile	Ile	Leu	Ala																
20																			

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Val Leu Gly Leu Val His Glu Phe Lys Glu Gly Lys Asp Glu Leu Ser  
 1 5 10 15  
 Glu Gln Asp Glu  
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<210> 400  
 <211> 20  
 <212> PRT  
 <213> Homo sapiens

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 Gln Val Ile Val  
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<210> 401  
 <211> 20  
 <212> PRT  
 <213> Homo sapiens

<400> 401  
 Asp Gln Val Ile Val Gly Asn Ala Ser Leu Arg Leu Lys Asn Val Gln  
 1 5 10 15  
 Leu Thr Asp Ala  
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<210> 402  
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 <212> PRT  
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<400> 402  
 Val Gln Leu Thr Asp Ala Gly Thr Tyr Lys Cys Tyr Ile Ile Thr Ser  
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 Lys Gly Lys Gly Asn  
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<210> 403  
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 <212> PRT  
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<400> 403  
 Lys Gly Lys Gly Asn Ala Asn Leu Glu Tyr Lys Thr Gly Ala Phe Ser  
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 Met Pro Glu Val  
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<210> 404  
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<212> PRT

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<400> 407

<210> 408

<211> 20

<212> PRT

<213> Homo sapiens

<400> 408

Val Ser Val Leu Tyr Asn Val Thr Ile Asn Asn Thr Tyr Ser Cys Met  
1 5 10 15  
Ile Glu Asn Asp

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<212> PRT
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Ser Leu Gly Gln Ile Leu Phe Trp Ser Ile

1 5 10

&lt;210&gt; 418

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 418

Leu Leu Asn Ser Lys Ala Ser Leu Cys Val

1 5 10

&lt;210&gt; 419

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 419

Ser Leu Cys Val Ser Ser Phe Phe Ala Ile

1 5 10

&lt;210&gt; 420

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 420

Val Leu Tyr Asn Val Thr Ile Asn Asn Thr

1 5 10

&lt;210&gt; 421

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 421

Ile Leu Phe Trp Ser Ile Ile Ser Ile Ile

1 5 10

&lt;210&gt; 422

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 422

Leu Leu Pro Leu Ser Pro Tyr Leu Met Leu

1 5 10

&lt;210&gt; 423

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Ala Leu Leu Pro Leu Ser Pro Tyr Leu Met

1 5 10

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<400> 429  
Gln Leu Leu Asn Ser Lys Ala Ser Leu Cys  
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Ile Leu Ser Cys Thr Phe Glu Pro Asp Ile  
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Trp Leu Lys Glu Gly Val Leu Gly Leu Val  
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<400> 433  
Gln Ile Leu Phe Trp Ser Ile Ile Ser Ile  
1 5 10

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<211> 10  
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Gly Ile Ser Gly Arg His Ser Ile Thr Val

10

<213> Homo sapiens

Phe Glu Pro Asp Ile Lys Leu Ser Asp Ile

10

<213> Homo sapiens

Ala Leu Leu Pro Leu Ser Pro Tyr Leu

5

<213> Homo sapiens

Ser Leu Cys Val Ser Ser Phe Phe Ala

5

<213> Homo sapiens

Ile Leu Phe Trp Ser Ile Ile Ser Ile

5

<213> Homo sapiens

Gln Leu Leu Asn Ser Lys Ala Ser Leu

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<211> 9

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Ala Val Phe Ala Asp Gln Val Ile Val

1

5

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<211> 9

<212> PRT

<213> Homo sapiens

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Leu Leu Pro Leu Ser Pro Tyr Leu Met

1

5

<210> 448

<211> 9

<212> PRT

<213> Homo sapiens

<400> 448

Leu Leu Asn Ser Lys Ala Ser Leu Cys

1

5

<210> 449

<211> 9

<212> PRT

<213> Homo sapiens

<400> 449

Val Ile Gln Trp Leu Lys Glu Gly Val

1

5

<210> 450

<211> 9

<212> PRT

<213> Homo sapiens

<400> 450

Ala Ile Ser Trp Ala Leu Leu Pro Leu

1

5

<210> 451

<211> 9

<212> PRT

<213> Homo sapiens

<400> 455  
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1 5